

NEW ZEALAND.
MARINE DEPARTMENT.

FISHERIES BULLETIN No. 1.

BIBLIOGRAPHY OF NEW ZEALAND FISHES.

BY

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PREFACE.

THE foundations of fishery science were laid by the work of the old-time naturalists who first identified and established scientific systems of nomenclature for the different species of fishes and to some extent threw light on the broad features of their distribution and habits. In many cases science has advanced no further than that phase in its application to fish-life. But in some parts of the world, notably in Europe and America, fishery research has for many years held a position of recognized importance and utility among applied sciences. It has passed beyond the stage at which it can be served adequately by contributions from amateur or even academic workers. It commands the services of trained specialists who have developed particular technical methods and devised special equipment for fishery research, the methods and results of which are on record in a recognized bibliography. The still unsolved problems of fishery science are numerous; but where systematic work has been carried out considerable progress has been made, with the result that in many directions obscurity and mystery have given place to understanding and enlightenment, enabling questions of fishery administration, conservation, and exploitation to be dealt with in the light of ascertained facts, instead of that juggling with conjectures and the baffling superficialities of ignorance and prejudiced self-interest which in the pre-scientific era inevitably stultified attempts on the part of fishery authorities to guide the industry along rational lines.

However, it is not my object to expatiate here upon the achievements of fishery science, but merely to refer to the phases of its development. Correct identification of species provides the necessary preliminary to subsequent phases of progress which have regard to the elucidation of the life-histories of individual species of fish, their food requirements at different stages of growth, the manner of their reproduction, their natural enemies and competitors, their migrations, and their correlation with the inanimate (physico-chemical) factors of their environment. These are *fish* problems. A further phase is concerned with the biology of fishes as affected by the human factor—the investigation of *fishery* problems; the effects of fishery operations on the natural stocks; the “vital statistics” of fisheries. And in a quite distinct province of applied science come the problems of the economic utilization of fishery products.

In several European countries and in America all these phases have been the subject of research, at least with regard to the more important commercial species. It is recognized that fishery administration cannot be carried on in an enlightened manner nor can fishery developments be

furthered with confidence in the absence of information which such researches seek to provide. Fishery research in New Zealand is at present at the primary stage. Apart from the contributions to the natural history of some of our fishes made by workers at the Portobello Marine Biological Station, our scientific knowledge of fish-life has advanced little further than the naming stage; and even this branch of ichthyology is by no means finally rounded off.

A perusal of the work to which these remarks are prefaced will show that since the days of Forster, Richardson, and other naturalists who studied the antipodean fishes which first became known through the early voyages of discovery, a large number of workers have devoted attention to the fishes of New Zealand, and it will be recognized that the literature of our fishes is in the aggregate very considerable. Unfortunately, it is scattered over a large number of publications, many of which are not easily accessible, even if they were known, to the majority of people who are interested in the study of fish-life. It is undoubtedly the difficulty of obtaining information in compact form which has stood in the way of a more widely spread interest in and understanding of the fish-life of New Zealand waters. Scientific knowledge has not yet reached the stage which would render possible the publication of a technical handbook, or even a popular semi-scientific book, that would be comparable with the works on fishes that have been produced by European, American, and Australian ichthyologists. Pending the appearance of such a publication, the present Bibliography and Index, carefully and laboriously compiled by Mr. W. J. Phillipps, will be of considerable service both to those who desire to increase their own knowledge and to those who are engaged in extending our understanding of the fish fauna of New Zealand. Scientific progress consists in the progressive extension of the fabric of knowledge built up by other workers. Hence the necessity for an organized literature on special branches of scientific research. Hence also the appropriateness of the present work to form Part I of a series of Fisheries Bulletins which it is the intention of the Marine Department to publish as the results of investigation become available; so that in future the scientific literature on New Zealand fishes will be available in a known and uniform series, instead of being scattered over a number of heterogeneous publications and buried among a multitude of other subjects which have little or no interest to the student of fish and fishery matters.

A. E. HEFFORD.

Marine Department, Wellington, 5th April, 1927.

INTRODUCTION.

THE object of the present work is to facilitate reference to the literature on New Zealand fishes. It consists of a list, arranged in systematic order, of the fishes of the New Zealand waters, together with their vernacular and Maori names, and certain selected references, and of an index to the generic, specific, vernacular, and Maori names.

The fishes of the subantarctic islands of New Zealand have been included in the list; but those of the subtropical Kermadec Islands have been omitted, since they have little in common with the New Zealand fauna.

The references do not in all cases give the complete synonymy of the species. The principle adopted in their selection has been to give the original reference in which the species was first described, others affecting the nomenclature, and later papers where a fuller description or figures have been published or the economic value of the species has been discussed.

Previous lists of New Zealand fishes have been published by Forster (1801), Richardson (1842 and 1843), Bleeker (1855), Hutton (1872), Sherrin (1886), Hutton (1889), Gill (1893), Hutton (1904), Waite (1907), and Phillipps (1927). The recent works of Regan, Waite, and McCulloch have been closely followed in the preparation of the present list, and much valuable advice has been received from Dr. David Starr Jordan. In addition I have to express my acknowledgments to the following for helpful suggestions: Mr. Gilbert P. Whitley, Australian Museum, Sydney; Hon. Mr. G. M. Thomson, M.L.C., Dunedin; Dr. J. Allan Thomson, Director, Dominion Museum; Mr. W. R. B. Oliver, Dominion Museum; Mr. Gilbert Archey, Curator, and Mr. L. T. Griffin, Assistant Curator, Auckland Museum; and Mr. A. E. Hefford, Marine Department.

BIBLIOGRAPHY AND INDEX

OF

NEW ZEALAND FISHES.

SUBPHYLUM CEPHALOCHORDATA. LANCELETS.

Family BRANCHIOSTOMIDAE.

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1901. *Heteropleuron hectori* Benham, Q.J.M.S., (2), 44, p. 273.
1901. *Heteropleuron hectori* Benham, Trans. N.Z. Inst., 33, p. 121, pl. 1.

SUBPHYLUM CRANIATA.

CLASS CYCLOSTOMATA. LAMPREYS AND BORERS.

Family HETATRETIDAE.

Heptatretus cirrhatus (Bloch and Schneider). HAGFISH ; TUERE.

1801. *Petromyzon cirrhatus* Forster, in Bloch and Schneider, Syst. Ichth., p. 532.
1872. *Bdellostoma cirrhatum*. Forster : Hutton, Cat. Fish. N.Z., pp. 87-88.
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Family GEOTRIDAE.

Geotria australis Gray. LAMPREY ; KOROKORO.

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1922. *Geotria australis* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 97.
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CLASS PISCES.

SUBCLASS ELASMOBRANCHII. SHARKS, RAYS, AND GHOST SHARKS.

ORDER SELACHII. SHARKS.

Family HEXANCHIDAE.

Notorhynchus pectorosus (Garman). SEVEN-GILLED SHARK.

1884. *Heptanchias pectorosus* Garman, Bull. Essex Inst., 16, p. 56.
1872. *Notidanus indicus*. Cuvier : Hutton, Cat. Fish. N.Z., p. 79.
1880. *Notidanus (Heptanchias) indicus* (Cuv.) : McCoy, Prod. Zool. Vict., 1, pl. xliii.

1921. *Notorhynchus pectorosus* Garman : Waite, Rec. South Aust. Mus., 2, No. 1, p. 10, fig. 5.
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Family CARCHARINIDAE.

Galeorhinus australis Macleay. SOUTHERN TOPE or SCHOOL SHARK.

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 1882. *Galeus australis* (Macleay) : McCoy, Prod. Zool. Vict., 1, dec. vii, pl. 64, 2.
 1909. *Galeus australis* Macleay : Waite, Rec. Cant. Mus., 1, p. 139, pl. xv.
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Family SPHYRNIDAE.

Sphyrna zygaena (Linnaeus). HAMMER-HEADED SHARK ; MANGOPARE.

1758. *Squalus zygaena* Linnaeus, Syst. Nat., ed. 10, p. 234.
 1873. *Zygaena malleus* Risso : Hutton, Trans. N.Z. Inst., 5, p. 271.
 1885. *Zygaena malleus* (Shaw) : McCoy, Prod. Zool. Vict., 1, pl. lvi.
 1924. *Sphyrna zygaena* : Phillipps, N.Z. Journ. Sci. & Tech., 6, p. 262, figs. 6 and 6A.

Family MUSTELIDAE.

Mustelus antarcticus Guenther. GUMMY ; MANGA.

1870. *Mustelus antarcticus* Guenther, Cat. Fish. B.M., 8, p. 387.
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 1909. *Mustelus antarcticus*, Guenther : McCulloch, Rec. Aust. Mus., 7, p. 315, pl. xc, fig. 3.
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Family SCYLIORHINIDAE.

Cephaloscyllium sabella (Broussonet). CARPET-SHARK.

1780. *Squalus sabella* (Broussonet) Gmelin, Syst. Nat., p. 648.
 1867. *Scyllium laticeps* Dumeril : Hutton, Trans. N.Z. Inst., 8, p. 216.
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 1924. *Cephaloscyllium sabella* : Phillipps, N.Z. Journ. Sci. & Tech., 6, p. 264, fig. 8.

Family ALOPIIDAE.

Alopias vulpinus (Bonnaterre). THRESHER-SHARK.

1788. *Squalus vulpinus* Bonnaterre, Encycl. Meth., Ichth., p. 9.
 1872. *Alopecias vulpes* Gmelin : Hutton, Cat. Fish. N.Z., p. 78 (not of Gmelin).
 1893. *Alopias vulpes* : Gill, Mem. Nat. Acad. Sci., 6, p. 111.
 1924. *Alopias vulpinus* : Phillipps, N.Z. Journ. Sci. & Tech., 6, p. 265, fig. 9.

Family CETORHINIDAE.

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1765. *Squalus maximus* Gunner, Trondhj. Selskabs., 3, p. 33.
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 1924. *Cetorhinus maximus* : Phillipps, N.Z. Journ. Sci. & Tech., 6, p. 266, with fig.

Family ISURIDAE.

Lamna nasus (Bonnaterre). PORBEAGLE-SHARK.

1788. *Squalus nasus* Bonnaterre, Tableau Encycl. Ichth., p. 10.
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Family SQUALIDAE.

Echinorhinus brucus (Bonnaterre). SPINOUS SHARK.

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 1884. *Echinorhinus spinosus*: Parker, Trans. N.Z. Inst., 16, p. 280.
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Squalus fernandinus Molina. SPINED DOGFISH; OKEOKE or KOINGA.

1782. *Squalus fernandinus* Molina, Saggio sulla storia Nat. Chili, p. 229.
 1872. *Acanthias vulgaris*. Risso: Hutton, Cat. Fish. N.Z., p. 76 (not of Risso).
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Squalus megalops (Macleay). PIKED DOGFISH.

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Family SCYMNORHINIDAE.

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 pl. iii.

Scymnodon sherwoodi Archey.

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ORDER BATOIDEI. RAYS.

Family NARCOBATIDAE.

Narcobatus fairchildi (Hutton). ELECTRIC RAY ; WHAI REPO.

1872. *Torpedo fairchildi* Hutton, Cat. Fish. N.Z., p. 83, pl. xii, fig. 134.
 1884. *Torpedo fusca* (?) : Parker, Trans. N.Z. Inst., 16, p. 281, pl. xxii.
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 pl. xvii.
 1919. *Torpedo fairchildi* Hutton : McCulloch, Rec. Aust. Mus., 12, p. 171,
 pl. xxv.

Typhlonarke aysoni (Hamilton). TORPEDO-RAY.

1902. *Astrape aysoni* Hamilton, Trans. N.Z. Inst., 34, p. 224, pls. x-xii.
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Family RAJIDAE.

Raja nasuta Mueller and Henle. SKATE ; WHAI.

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 4, p. 123.
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Arhynchobatis asperimus Waite. LONG-TAILED SKATE.

1909. *Arhynchobatis asperimus* Waite, Rec. Cant. Mus., 1, p. 150, pl. xx.

Family DASYATIDAE.

Dasyatis brevicaudatus (Hutton). SMOOTH STINGAREE or STING-RAY.

1875. *Trygon brevicaudatus* Hutton, A.M.N.H., (4), xvi, p. 137.
 1872. *Trygon thalassia*. Columna : Hutton, Cat. Fish. N.Z., p. 85 (not of Col.).
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Aetobatis tenuicaudatus (Hector). EAGLE-RAY.

1877. *Myliobatus tenuicaudatus* Hector, Trans. N.Z. Inst., 9, p. 468, pl. x.
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 1909. *Myliobatus tenuicaudatus* Hector : Waite, Rec. Cant. Mus., 1, p. 152, pl. xxiii.

SUBCLASS HOLOCEPHALI. ELEPHANT-FISHES.

Family CHIMAERIDAE.

Chimaera novae-zelandiae Fowler. CHIMAERA.

1911. *Chimaera novae-zelandiae* Fowler, Proc. Acad. Nat. Sci. Philad., 62, p. 603.
 1902. *Chimaera monstrosa* var. *australis* Hector, Trans. N.Z. Inst., 34, p. 239, pls. 14 and 15.
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Callorhynchus milii Bory. ELEPHANT-FISH ; REPEREPE.

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SUBCLASS TELEOSTOMI. BONY FISHES.

ORDER ISOSPONDYLI.

Family ENGRAULIDAE.

Engraulis australis (Shaw). ANCHOVY ; KOROWHAWHA.

1790. *Atherina australis* Shaw, White's Voyage N.S.W., p. 296, pl. lxiv, fig. 1.
 1868. *Engraulis encrasicolus* var. *antipodum* Guenther, Cat. Fish. B.M., 7, p. 386.

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 1921. *Engraulis australis* Shaw : Waite, Rec. South Aust. Mus., 2, No. 1, p. 35, fig. 50.
 1921. *Engraulis antipodum* (Guenther) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 118.

Family CLUPEIDAE.

Sardinia neopilcharda Steindachner. PILCHARD ; MOHIMOH.

1879. *Clupea neopilchardus* Steindachner, Denk. Akad. Wiss. Wien, 41, 1, p. 12.
 1883. *Clupea sagax* Jenyns : Arthur, Trans. N.Z. Inst., 15, p. 208, pl. xxxiv (not of Jenyns).
 1893. *Clupea sagax* : Gill, Mem. Nat. Acad. Sci., 6, p. 112.
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Clupea antipodum (Hector). SPRAT ; KUPAE.

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 1921. *Clupea antipoda* : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 118.
 1921. *Amblygaster antipodus* Hector : Thomson, Hist. Portobello Fish-hatch., p. 70.
 1927. *Harengula antipoda* : Young and Thomson, Trans. N.Z. Inst., 57, p. 314.

Clupea muelleri Klunzinger.

1880. *Clupea muelleri* Klunzinger, Sitzungsab. Akad. Wien, 80, p. 416.
 1917. *Clupea muelleri* Klunzinger : Regan, A.M.N.H., ser. 8, 19, p. 228.

Family CHANIDAE.

Chanos chanos (Forsk.) SALMON-HERRING or MILK-FISH.

1775. *Mugil chanos* Forskal, Descr. Anim., p. 74.
 1846. *Lutodeira salmonea* Richardson, Voy. Ereb. & Terr., Ichth., p. 58, pl. xxxvi, figs. 1 and 2.
 1870. *Chanos salmoneus* : Guenther, Cat. Fish. B.M., 7, p. 473.
 1922. *Chanos chanos* : McCulloch, Check-list Fish. N.S.W., p. 17, pl. v, fig. 57a.

Family GONORHYNCHIDAE.

Gonorhynchus gonorynchus (Linnaeus). SAND-FISH.

1766. *Cyprinus gonorynchus*, Linnaeus, Syst. Nat., ed. 12, p. 528.
 1872. *Gonorhynchus greyi*. Richardson : Hutton, Cat. Fish. N.Z., pp. 62 and 119.
 1904. *Gonorhynchus gonorynchus*, Linnaeus : Waite, Rec. Aust. Mus., 5, p. 146, pl. xvii, fig. 3.

Family GALAXIIDAE.

Galaxias alepidotus (Bloch and Schneider). BLACK KOKOPU.

1801. *Esox alepidotus* Forster, in Bloch and Schneider, Syst. Ichth., p. 395.
 1872. *Galaxias alepidotus*. Forster : Hutton, Cat. Fish. N.Z., p. 58.
 1896. *Galaxias alepidotus*, Forster : Hutton, Trans. N.Z. Inst., 28, p. 317.
 1893. *Galaxias olidus* Gill, Mem. Nat. Acad. Sci., 6, p. 112.

Galaxias kokopu Clarke.

1899. *Galaxias kokopu* Clarke, Trans. N.Z. Inst., 31, p. 84, pl. iv.

Galaxias fasciatus Gray. KOKOPU OR PARA.

1831. *Galaxias fasciatus* Gray, Zool. Misc., p. 73.
 1866. *Galaxias fasciatus* : Guenther, Cat. Fish. B.M., 6, p. 209.
 1872. *Galaxias fasciatus*. Gray : Hutton, Cat. Fish. N.Z., p. 59, pl. x, fig. 94.
 1903. *Galaxias fasciatus* : Best, Trans. N.Z. Inst., 35, p. 72.
 1899. *Galaxias fasciatus* : Clarke, Trans. N.Z. Inst., 31, p. 84, pl. v, fig. 1.
 1926. *Galaxias fasciatus* : Phillipps, N.Z. Journ. Sci. & Tech., 8, p. 293, with fig.

Galaxias brevipinnis Guenther. GUDGEON ; TAIWHARU OR KOKOPU.

1866. *Galaxias brevipinnis* Guenther, Cat. Fish. B.M., 6, p. 213.
 1873. *Galaxias grandis* Haast, Trans. N.Z. Inst., 5, p. 278.
 1896. *Galaxias brevipinnis*, Guenther : Hutton, Trans. N.Z. Inst., 28, p. 317.
 1899. *Galaxias robinsonii* Clarke, Trans. N.Z. Inst., 31, p. 89, pl. 5.
 1904. *Galaxias brevipinnis* : Boulenger, Camb. Nat. Hist., 7, p. 607, fig. 366.
 1921. *Galaxias brevipinnis* : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 119.
 1926. *Galaxias robinsonii* : Phillipps, N.Z. Journ. Sci. & Tech., 8, p. 98, with fig.

Galaxias lynx Hutton.

1896. *Galaxias lynx* Hutton, Trans. N.Z. Inst., 28, p. 317.

Galaxias attenuatus (Jenyns). MINNOW ; HIWI OR INANGA.

1842. *Mesites attenuatus* Jenyns, Voy. Beagle, p. 121.
 1899. *Galaxias attenuatus* : Clarke, Trans. N.Z. Inst., 31, p. 78.
 1906. *Galaxias attenuatus* Jenyns : Regan, Proc. Zool. Soc. Lond., 2, pt. 2, p. 368, pl. xii, fig. 1, and pl. xiii, fig. 2.
 1919. *Galaxias attenuatus* : Phillipps, Aust. Zoologist, 1, pt. 7, p. 211.
 1921. *Galaxias attenuatus* (Jenyns) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 119, No. 46.
 1922. *Galaxias attenuatus* : Phillipps, N.Z. Journ. Sci. & Tech., 5, p. 94, No. 46.

1924. *Galaxias attenuatus* : Phillipps, N.Z. Journ. Sci. & Tech., 7, p. 117, with fig.
 1926. *Galaxias attenuatus* : Phillipps, N.Z. Journ. Sci. & Tech., 8, p. 292, with fig.
 1926. *Galaxias attenuatus* : Phillipps, Nature, April, 1926, p. 485.

Galaxias huttoni Regan. KOARO.

1906. *Galaxias huttoni* Regan, Proc. Zool. Soc., 1905, 2, p. 373, with fig.
 1921. *Galaxias huttoni* Regan : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 119.
 1924. *Galaxias huttoni* : Phillipps, N.Z. Journ. Sci. & Tech., 7, p. 190, with fig.

Galaxias burrowsii Phillipps. CANTERBURY MUDFISH.

1926. *Galaxias burrowsii* Phillipps, Trans. N.Z. Inst., 56, p. 531, pl. 88.
 1927. *Galaxias burrowsii* Phillipps : Phillipps, Journ. Pan-Pacific Res. Inst., 2, No. 1, p. 11.

Neochanna apoda Guenther. MUDFISH : HAUHAU OF WAIKAKA.

1867. *Neochanna apoda* Guenther, A.M.N.H. (3), 20, p. 306.
 1872. *Neochanna apoda*. Guenther : Hutton, Cat. Fish. N.Z., pp. 61 and 130.
 1906. *Neochanna apoda* Guenther : Regan, Proc. Zool. Soc. Lond., 2, pt. 2, p. 383.
 1923. *Neochanna apoda* : Phillipps, N.Z. Journ. Sci. & Tech., 6, p. 62, with fig.
 1926. *Neochanna apoda* : Phillipps, N.Z. Journ. Sci. & Tech., 8, p. 297.

Family ARGENTINIDAE.

Argentina elongata Hutton. SILVERSIDE.

1879. *Argentina elongata* Hutton, A.M.N.H., (5), 3, p. 53.
 1879. *Argentina decagon* Clarke, Trans. N.Z. Inst., 11, p. 296, pl. xiv.
 1895. *Argentina elongata* Hutton : Goode and Bean, Ocean. Ichth., p. 52.
 1911. *Argentina elongata* Hutton : Waite, Rec. Cant. Mus., 1, No. 3, p. 161, pl. xxiv.

Family APLOCHITONIDAE.

Prototroctes oxyrhynchus Guenther. GRAYLING : UPOKORORO.

1870. *Prototroctes oxyrhynchus* Guenther, Proc. Zool. Soc., p. 152.
 1871. *Retropinna upokororo* Hector, Trans. N.Z. Inst., 3, p. 134, pl. xix.
 1877. *Prototroctes oxyrhynchus* : Rutland, Trans. N.Z. Inst., 10, p. 250.
 1884. *Prototroctes oxyrhynchus* : Arthur, Trans. N.Z. Inst., 17, p. 171.
 1921. *Prototroctes oxyrhynchus* Guenther : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 119, No. 48.
 1923. *Prototroctes oxyrhynchus* : Phillipps, N.Z. Journ. Sci. & Tech., 6, p. 115, with fig.

Family RETROPINNIDAE.

Retropinna retropinna (Richardson). SMELT : PARAKI.

1848. *Argentina retropinna* Richardson, Voy. Erebb. & Terr., Ichth., p. 121, pl. lii, figs. 1-3.

1871. *Retropinna osmeroides* Hector, Trans. N.Z. Inst., 3, p. 134, pl. xix, fig. 1.
 1893. *Retropinna richardsonii*: Gill, Mem. Acad. Sci., 6, p. 112.
 1920. *Retropinna retropinna*, Richardson: McCulloch, Rec. Aust. Mus., 13, p. 48, figs. 1-2.
 1921. *Retropinna retropinna* (Richardson): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 119.
 1922. *Retropinna retropinna*: Phillipps, N.Z. Journ. Sci. & Tech., 5, p. 94.
 1926. *Retropinna retropinna*: Phillipps, N.Z. Journ. Sci. & Tech., 8, p. 289, 3 figs.
 1926. *Retropinna retropinna*: Phillipps, Nature, April, p. 486.

ORDER INIOMI. LANTERN-FISHES AND ALLIES.

Family STOMIATIDAE.

Phosichthys argenteus Hutton. LIGHT-FISH.

1872. *Phosichthys argenteus* Hutton, Cat. Fish. N.Z., p. 56.
 1873. *Phosichthys argenteus*, Hutton: Hutton, Trans. N.Z. Inst., 5, p. 269.
 1887. *Photichthys argenteus*: Guenther, Voy. Chall., Zool., 22, p. 178, pl. xlv, fig. A.
 1895. *Phosichthys argenteus* Hutton: Goode and Bean, Ocean. Ichth., p. 104, pl. xxxii, fig. 122.

Maurolicus pennanti australis (Hector). SOUTHERN PEARLSIDE.

1875. *Maurolicus australis* Hector, Trans. N.Z. Inst., 7, p. 250, pl. ii, fig. 90 d.
 1876. *Gonostoma australis*: Hutton, Trans. N.Z. Inst., 8, p. 215.
 1879. *Maurolicus amethystino-punctatus* (Cocco): Guenther, Trans. N.Z. Inst., 11, p. 472.
 1910. *Triarcus australis* Hutton: Waite, Trans. N.Z. Inst., 42, p. 386, pl. 38, fig. 1.
 1921. *Maurolicus pennanti australis* Hector: McCulloch, Rec. Aust. Mus., 14, No. 2, p. 114, pl. 14, fig. 1.

Argyropelecus intermedius Clarke.

1878. *Argyropelecus intermedius* Clarke, Trans. N.Z. Inst., 10, p. 244, pl. vi.

Idiacanthus niger Regan.

1914. *Idiacanthus niger* Regan, A.M.N.H., (8), xiii, p. 14.
 1914. *Idiacanthus niger* Regan: Regan, Voy. Terra Nova, 1, No. 1, p. 14, pl. x, fig. 2.
 1916. *Idiacanthus aurora* Waite, Aust. Antarctic Exped. Fishes, p. 53, pl. 5, fig. 1.
 1922. *Idiacanthus niger* Regan: Archey, N.Z. Journ. Sci. & Tech., 5, p. 295.

Family SUDIDAE.

Chlorophthalmus nigripinnis Guenther. CUCUMBER-FISH.

1878. *Chlorophthalmus nigripinnis* Guenther, A.M.N.H., (5), 21, p. 182.
 1887. *Chlorophthalmus nigripinnis*: Guenther, Chall. Zool. Repts., 22, p. 193, pl. li, fig. A.
 1911. *Chlorophthalmus nigripinnis* Guenther: Waite, Rec. Cant. Mus., 1, p. 164, pl. xxv.

Family ALEPISAURIDAE

Alepisaurus ferox Lowe. LANCET-FISH.

1833. *Alepisaurus ferox* Lowe, Proc. Zool. Soc. Lond., p. 104.
 1845. *Alepisauris ferox*: Richardson, Voy. Ereb. & Terr., Zool., p. 34,
 pl. xxii, figs. 1-4.
 1895. *Alepisaurus ferox*, Lowe: Goode and Bean, Ocean. Ichth., p. 117,
 pl. xxxviii, fig. 142.

Family MYCTOPHIDAE.

Bathysaurus ferox Guenther.

1878. *Bathysaurus ferox* Guenther, A.M.N.H., (5), 2, p. 182.
 1895. *Bathysaurus ferox*, Guenther: Goode and Bean, Ocean. Ichth.,
 pp. 58 and 510, pl. xviii, figs. 65 and 66.

Bathysauropis gracilis (Guenther).

1878. *Chlorophthalmus gracilis* Guenther, A.M.N.H., (5), 2, p. 182.
 1887. *Chlorophthalmus gracilis*: Guenther, Voy. Chall., Zool., 22, p. 194,
 pl. xlix, fig. A.

Myctophum hectoris (Guenther).

1876. *Scopelus hectoris* Guenther, A.M.N.H., (4), 17, p. 399.
 1877. *Scopelus hectoris*: Guenther, Trans. N.Z. Inst., 9, p. 471.

Myctophum humboldti (Risso). LANTERN-FISH.

1810. *Gasteropelecus humboldti* Risso, Ichth. Nice, p. 358.
 1873. *Scopelus boops*. Richardson: Hutton, Trans. N.Z. Inst., 5, p. 269.
 1895. *Myctophum humboldti* Risso: Goode and Bean, Ocean. Ichth., p. 73,
 pl. xxii, fig. 82.
 1911. *Myctophum humboldti* Risso: Waite, Rec. Cant. Mus., 1, p. 166,
 pl. xxvii, fig. 3.

Myctophum coccoi Cocco.

1916. *Myctophum coccoi* Cocco: Regan, Voy. Terra Nova, Zool., 1, No. 4,
 p. 139.

Rhinoseopelus coruscans (Richardson).

1845. *Myctophum coruscans* Richardson, Voy. Ereb. & Terr., Zool., p. 40,
 pl. xxvii, figs. 1-5.
 1873. *Scopelus coruscans*: Hutton, Trans. N.Z. Inst., 5, p. 270.
 1893. *Stenobranchius coruscans*: Gill, Mem. Nat. Acad. Sci., 6, p. 113, No. 49.

Lampanyctus longipinnis Regan.

1916. *Lampanyctus longipinnis* Regan, Voy. Terra Nova, 1, No. 4, p. 140,
 pl. vi, fig. 9.

Lampanyctus macropterus Brauer.

1916. *Lampanyctus macropterus* Brauer: Regan, Voy. Terra Nova, 1,
 No. 4, p. 140, pl. vi, fig. 5.

Lampanyctus parvimanus (Guenther). LAMP-FISH.

1864. *Scopelus parvimanus* Guenther, Cat. Fish. B.M., 5, p. 406.

ORDER APODES. EELS.

Family ANGUILLIDAE.

Anguilla aucklandii Richardson. EEL; TUNA.

1848. *Anguilla aucklandii* Richardson, Voy. Ereb. & Terr., Zool., p. 113, pl. xlv, figs. 7-13.
 1870. *Anguilla aucklandii*: Guenther, Cat. Fish. B.M., 8, p. 33.
 1872. *Anguilla aucklandii*. Rich.: Hutton, Cat. Fish. N.Z., pp. 64 and 131, pl. xi, fig. 102.
 1925. *Anguilla aucklandii* Rich.: Phillipps, N.Z. Journ. Sci. & Tech., 8, p. 30, fig. 3.

Anguilla australis Richardson. SHORT-FINNED EEL; TUNA HEKE.

1841. *Anguilla australis* Richardson, Proc. Zool. Soc. Lond., p. 22.
 1870. *Anguilla australis*: Guenther, Cat. Fish. B.M., 8, p. 36.
 1872. *Anguilla australis*. Richardson: Hutton, Cat. Fish. N.Z., p. 65, pl. xi, fig. 104.
 1921. *Anguilla australis* Richardson: G. M. Thomson, Hist. Portobello Fish-hatch., p. 70.
 1921. *Anguilla australis* Richardson: Waite, Rec. South Aust. Mus., 2, No. 1, p. 48, fig. 72.

Family LEPTOCEPHALIDAE.

Gnathophis habenata (Richardson). SILVER EEL.

1848. *Congrus habenatus* Richardson, Voy. Ereb. & Terr., Fish., p. 109, pl. L, figs. 1-5.
 1872. *Conger muraena habenata*. Richardson: Hutton, Cat. Fish. N.Z., p. 66.
 1922. *Conger muraena habenata*: McCulloch, Check-list Fish. N.S.W., p. 23, pl. viii, fig. 80 a.

Leptocephalus conger (Linnaeus). CONGER-EEL; KOIRO.

1758. *Muraena conger* Linnaeus, Syst. Nat., ed. 10, p. 245.
 1872. *Conger vulgaris*. Cuvier: Hutton, Cat. Fish. N.Z., pp. 66 and 132, pl. xi, fig. 105.
 1892. *Conger vulgaris*: G. M. Thomson, Trans. N.Z. Inst., 24, p. 214.
 1911. *Leptocephalus conger* Linnaeus: Waite, Rec. Cant. Mus., 1, p. 164.
 1921. *Leptocephalus conger* (Linnaeus): Phillipps, N.Z. Journ. Sci. & Tech., 4, pp. 119 and 125.
 1921. *Leptocephalus conger* Linnaeus: G. M. Thomson, Hist. Portobello Fish-hatch., p. 71.
 1922. *Leptocephalus conger*: Phillipps, N.Z. Journ. Sci. & Tech., 5, p. 94, No. 42.

Family MURAENIDAE.

Muraena nubilila Richardson.

1845. *Muraena nubilila* Richardson, Voy. Ereb. & Terr., Fish., p. 81, pl. xlvi, figs. 6-10.
 1914. *Muraena nubilila*, Richardson: Regan, Voy. Terra Nova, Zool., 1, No. 1, p. 14.

Gymnothorax prasinus (Richardson). YELLOW EEL; PUHARAKEKE.

1847. *Muraena prasina* Richardson, Voy. Ereb. & Terr., Ichth., p. 93.
 1877. *Muraena krullii* Hector, Trans. N.Z. Inst., 9, p. 468, pl. viii, fig. 107 a.
 1921. *Muraena krullii* Hector: Phillipps, N.Z. Jour. Sci. & Tech., 4, p. 119.
 1926. *Gymnothorax prasinus* Richardson: Griffin, Trans. N.Z. Inst., 56, p. 539.

Gymnothorax prionodon Ogilby.

1895. *Gymnothorax prionodon* Ogilby, Proc. Linn. Soc. N.S.W., ser. 2, 9, p. 270.
 1926. *Gymnothorax prionodon* Ogilby: Griffin, Trans. N.Z. Inst., 56, p. 538, pl. 93.

Gymnothorax ramosus Griffin.

1926. *Gymnothorax ramosus* Griffin, Trans. N.Z. Inst., 56, p. 539, pl. 94.

Family MYRIDAE.

Muraenichthys australis Macleay.

1881. *Muraenichthys australis* Macleay, Proc. Linn. Soc. N.S.W., 6, p. 272.
 1911. *Muraenichthys australis* Macleay: McCulloch, Endeav. Res., 1, pt. 1, p. 20, fig. 6.
 1923. *Muraenichthys australis* Macleay: Griffin, Trans. N.Z. Inst., 54, p. 247, pl. xx, fig. 1.

Muraenichthys breviceps Guenther.

1876. *Muraenichthys breviceps* Guenther, A.M.N.H., (4), 17, p. 401.
 1911. *Muraenichthys breviceps*, Guenther: McCulloch, Endeav. Res., 1, pt. 1, p. 21, fig. 7.
 1921. *Muraenichthys breviceps* Guenther: Griffin, Trans. N.Z. Inst., 53, p. 351, pl. liv, fig. 1.

Family OPHICHTHYIDAE.

Ophisurus novae-zelandiae Hector. SNAKE-EEL.

1870. *Ophisurus novae-zealandiae* Hector, Trans. N.Z. Inst., 2, p. 34, pl. iii.
 1872. *Ophichthys serpens*. Linn.: Hutton, Cat. Fish. N.Z., p. 66 (not of Linné).

ORDER SYMBRANCHII. PIGMY EELS.

Family SYMBRANCHIDAE.

Aotea acus Phillipps.

1926. *Aotea acus* Phillipps, Trans. N.Z. Inst., 56, p. 534, pl. 90.
 1927. *Aotea acus* Phillipps: Phillipps, Journ. Pan-Pacific Res. Inst., 2, No. 1, p. 11.

ORDER HETEROMI.

Family NOTACANTHIDAE.

Notacanthus sexspinis Richardson.

1846. *Notacanthus sexspinis* Richardson, Voy. Ereb. & Terr., Fish., p. 54, pl. xxxii, figs. 4-11.
 1872. *Notacanthus sexspinis*, Richardson: Hutton, Cat. Fish. N.Z., p. 39.
 1895. *Notacanthus sexspinis* Richardson: Goode and Bean, Ocean. Ichth., p. 167.

ORDER SOLENICHTHYES.

Family MACRORHAMPHOSIDAE.

Macrorhamphosus scolopax (Linnaeus). SNIPE-FISH.

1758. *Balistes scolopax* Linnaeus, Syst. Nat., ed. 10, p. 329.
 1895. *Macrorhamphosus scolopax* (Linnaeus): Goode and Bean, Ocean. Ichth., p. 483, fig. 396.
 1911. *Macrorhamphosus scolopax* Linnaeus: Waite, Rec. Cant. Mus., 1, No. 3, p. 171.

Macrorhamphosus elevatus (Waite).

1889. *Macrorhamphosus elevatus* (Waite), Mem. Aust. Mus., 4, p. 59, pl. vii, fig. 1.
 1911. *Macrorhamphosus elevatus*, Waite: McCulloch, Endeav. Res., Fish, 1, pt. 1, p. 23, fig. 8.
 1916. *Macrorhamphosus elevatus* Waite: Regan, A.M.N.H., ser. 8, 13, p. 19.

Centriscops humerosus (Richardson). BELLOWS-FISH.

1846. *Centriscus humerosus* Richardson, Voy. Ereb. & Terr., Fish., p. 56, pl. xxxiv, figs. 5 and 6.
 1861. *Centriscus humerosus* Guenther, Cat. Fish. B.M., 3, p. 522.
 1911. *Centriscops humerosus* var. *obliquus* Waite, Rec. Cant. Mus., 1, p. 170, pl. xxvi.
 1914. *Centriscops obliquus* Waite: Regan, A.M.N.H., ser. 8, 13, p. 21.

Centriscops sinuosus Regan.

1914. *Centriscops sinuosus* Regan, A.M.N.H., ser. 8, 13, p. 21.

Notopogon xenosoma Regan.

1914. *Notopogon xenosoma* Regan, A.M.N.H., ser. 8, 13, p. 20.
 1914. *Notopogon xenosoma* Regan: Regan, Voy. Terra Nova, 1, No. 1, p. 15, pl. xii, fig. 5.

Notopogon lilliei Regan.

1914. *Notopogon lilliei*, Regan, A.M.N.H. (8), xiii, pp. 14 and 20.
 1911. *Centriscops humerosus* Richardson: Waite, Rec. Cant. Mus., 1, No. 3, p. 169 (not of Rich.).
 1911. *Centriscops humerosus*: McCulloch, Zool. Endeav. Res., 1, p. 24, fig. 19.
 1914. *Notopogon lilliei*, Regan: Regan, Voy. Terra Nova, 1, No. 1, p. 15, pl. xii, fig. 4.

Family SYNGNATHIDAE.

Syngnathus pelagicus Linnaeus.

1758. *Syngnathus pelagicus* Linnaeus, Syst. Nat., ed. 10, p. 337.
 1872. *Syngnathus pelagicus* Linnaeus: Hutton, Cat. Fish. N.Z., p. 67.
 1870. *Syngnathus pelagicus*: Guenther, Cat. Fish. B.M., 8, p. 165.

Syngnathus blainvillianus Eydoux and Gervais. SHORT-SNOURED PIPE-FISH.

1837. *Syngnathus blainvillianus* Eydoux and Gervais, in Guerin, Mag. Zool., 7, pl. xvii.
 1870. *Syngnathus blainvillianus* : Guenther, Cat. Fish. B.M., 8, p. 162.
 1909. *Syngnathus blainvillianus*, Eydoux and Gervais : Waite, in Subantarctic Islands, N.Z., 2, p. 588.
 1911. *Syngnathus blainvillianus* Eydoux and Gervais, Waite, Rec. Cant. Mus., 1, No. 3, p. 174, pl. xxvii, fig. 2.

Syngnathus norae Waite. LONG-SNOURED PIPE-FISH.

1910. *Syngnathus norae* Waite, Proc. N.Z. Inst., p. 25.
 1911. *Syngnathus norae* Waite : Waite, Rec. Cant. Mus., 1, No. 3, p. 173, pl. xxvii, fig. 1.

Ichthyocampus filum Guenther. PIPE-FISH.

1870. *Ichthyocampus filum*, Guenther, Cat. Fish. B.M., 8, p. 178.
 1872. *Ichthyocampus filum*, Guenther : Hutton, Cat. Fish. N.Z., p. 68.
 1909. *Ichthyocampus filum*, Guenther : McCulloch, Rec. Aust. Mus., 7, p. 318, pl. xc, fig. 1.

Doryrhamphus elevatus (Hutton).

1872. *Doryichthys elevatus* Hutton, Cat. Fish. N.Z., p. 68.
 1921. *Doryrhamphus elevatus* Hutton : Thomson, Hist. Portobello Fish-hatch., p. 71.

Stigmatophora longirostris Hutton.

1872. *Stigmatophora longirostris* Hutton, Cat. Fish. N.Z., p. 69.
 1876. *Stigmatophora longirostris* Hutton, Trans. N.Z. Inst., 8, p. 216.
 1923. *Stigmatophora longirostris* Hutton : McCulloch and Phillipps, Rec. Aust. Mus., 14, No. 1, p. 20, fig. 1.

Solegnathus spinosissimus (Guenther). SPINY SEA-HORSE.

1870. *Solenognathus spinosissimus* Guenther, Cat. Fish. B.M., 8, p. 195.
 1872. *Solenognathus spinosissimus*. Guenther : Hutton, Cat. Fish. N.Z., p. 69.
 1894. *Solegnathus spinosissimus* Guenther : Waite, Proc. Linn. Soc. N.S.W., (2), 9, p. 222, pl. xvii, figs. 5-8.

Hippocampus abdominalis Lesson. SEA-HORSE : MANAIA.

1848. *Hippocampus abdominalis* Lesson, Mem. Soc. Hist. Nat., iv, p. 411, (Voy. du Duperrey, Zool., p. 125).
 1872. *Hippocampus abdominalis* Lesson : Hutton, Cat. Fish., N.Z., p. 70.
 1911. *Hippocampus abdominalis*, Lesson : McCulloch, Res. Endeav., Zool., 1, pt. 1, p. 29, pl. vi, figs. 1 and 2.
 1921. *Hippocampus abdominalis* Lesson : Waite, Rec. South Aust. Mus., 2, No. 1, p. 60, fig. 92.

Family SCOMBERESOCIDAE.

Scombresox forsteri Cuv. & Val. SKIPPER.

1846. *Scombresox forsteri* Cuv. & Val., Hist. Nat. Poiss., 18, p. 481.
 1866. *Scombresox forsteri*: Guenther, Cat. Fish. B.M., 6, p. 258.
 1887. *Scomberesox saurus* (Bloch) var. *forsteri* (Cuv. & Val.): McCoy, Prod. Zool. Vict., 2, pl. cxxxv, fig. 2.
 1921. *Scombresox forsteri*: McCulloch, Check-list Fish. N.S.W., p. 29, pl. ix, fig. 103 a.
 1921. *Scombresox forsteri* Cuv. & Val.: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120.

Family HEMIRHAMPHIDAE.

Hemirhamphus intermedius Cantor. GARFISH OR PIPER; TAKEKE.

1842. *Hemirhamphus intermedius* Cantor, A.M.N.H., 9, p. 485.
 1877. *Hemirhamphus intermedius* (Cantor): McCoy, Prod. Zool. Vict., 2, pl. 135, fig. 1.
 1916. *Hemirhamphus intermedius*, Cantor: Roughley, Fishes of Australia, p. 27, pl. iv.
 1921. *Hemirhamphus intermedius* Cantor: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120, No. 50.
 1921. *Hyporhamphus intermedius* Cantor: Thomson, Hist. Portobello Fish-hatch., p. 72.
 1922. *Hemirhamphus intermedius*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 94, No. 50.

ORDER SYNENTOGNATHI.

Family EXOCOETIDAE.

Evolantia microptera (Cuv. & Val.). FLYING-FISH; MARORO.

1846. *Exocoetus micropterus* Cuv. & Val., Hist. Nat. Poiss., 19, p. 127.
 1866. *Exocoetus micropterus*: Guenther, Cat. Fish. B.M., 6, p. 279.
 1903. *Evolantia microptera* Cuv. & Val.: Jordan and Evermann, Fish. Hawaii, Bull. U.S. Fish. Comm., 23, pt. 1, p. 130, fig. 44.

Exocoetus spilonotopterus Bleek.

1914. *Exocoetus spilonotopterus* Bleek.: Regan, Terra Nova, Fishes, 1, No. 1, p. 15.

Cypselurus speculiger (Cuv. & Val.).

1846. *Exocoetus speculiger*, Cuv. & Val.: Hist. Nat. Poiss., 19, p. 94.
 1866. *Exocoetus speculiger*: Guenther, Cat. Fish. B.M., 6, p. 287.
 1906. *Cypselurus speculiger* Cuv. & Val.: Jordan and Seale, Bull. U.S. Bur. Fish., 25, p. 209, fig. xiii.

Cypselurus ilma Clarke.

1899. *Exocoetus ilma* Clarke, Trans. N.Z. Inst., 31, p. 94, pl. vi.

Cypselurus cribrus (Kner).

1867. *Exocoetus unicolor* vel. *cribrosa* Kner, Reise "Novara," Zool., 1, p. 325.
 1916. *Cypselurus cribrus* McCulloch, Mem. Qld. Mus., 5, p. 59, pl. vii.
 1923. *Cypselurus cribrus* Kner : Griffin, Trans. N.Z. Inst., 54, p. 248, pl. xxi.

Cypselurus melanocercus (Ogilby). LARGE FLYING-FISH.

1885. *Exocoetus melanocercus* Ogilby, Proc. Linn. Soc. N.S.W., 10, p. 123.
 1923. *Cypselurus melanocercus* Ogilby : Griffin, Trans. N.Z. Inst., 54, p. 249, pl. xxii.

ORDER ANACANTHINI. RAT-TAILS.**Family MACROURIDAE.****Coelorhynchus australis (Richardson). JAVELIN-FISH.**

1839. *Lepidoleprus australis* Richardson, Proc. Zool. Soc., p. 100.
 1872. *Macrurus australis*. Rich. : Hutton, Cat. Fish. N.Z., p. 49, pl. viii, fig. 78.
 1892. *Macrurus australis* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 213.
 1911. *Coelorhynchus australis* Richardson : Waite, Rec. Cant. Mus., 1, p. 177, pl. xxix, fig. 1.
 1921. *Coelorhynchus australis* (Richardson) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120.

Coelorhynchus aspercephalus Waite.

1911. *Coelorhynchus aspercephalus* Waite, Rec. Cant. Mus., 1, p. 178, pl. xxix, fig. 2.

Macrurus serrulatus (Guenther).

1878. *Coryphaenoides serrulatus* Guenther, A.M.N.H. (5), ii, p. 26.
 1887. *Macrurus serrulatus*, Guenther, Voy. Chall. Repts., Zool., 22, p. 133, pl. xxx, fig. A.

Chalinura murrayi (Guenther).

1878. *Coryphaenoides murrayi* Guenther, A.M.N.H. (5), ii, p. 26.
 1887. *Macrurus murrayi* : Guenther, Voy. Chall. Repts., 22, p. 146, pl. xxxiv, fig. A.

Lepidorhynchus denticulatus (Richardson).

1846. *Macrurus denticulatus* Richardson, Voy. Ereb. & Terr., Ichth., p. 53, pl. xxxii, figs. 1-3.
 1887. *Macrurus denticulatus* : Guenther, Voy. Chall. Repts., 22, p. 147.
 1921. *Optonurus denticulatus* : McCulloch, Check-list Fish. N.S.W., p. 33, pl. xi, fig. 116 a.

Nematonurus armatus (Hector).

1875. *Macrurus armatus* Hector, A.M.N.H. (4) 15, p. 81.
 1875. *Macrurus armatus* : Hector, Trans. N.Z. Inst., 7, p. 249, pl. xi, fig. 78 a.
 1921. *Nematonurus armatus* Hector : Waite, Rec. South Aust. Mus., 2, No. 1, p. 65, fig. 99.

Macruronus novae-zelandiae (Hector). WHIPTAIL ; HOKI.

1871. *Coryphaenoides novae-zelandiae* Hector, Trans. N.Z. Inst., 3, p. 136, pl. xviii, fig. 1.
 1887. *Macruronus novae-zealandiae*: Guenther, Voy. Chall. Repts., 22, p. 157.
 1911. *Macruronus novae-zelandiae* Hector: Waite, Rec. Cant. Mus., 1, No. 3, p. 180, pl. xxx, fig. 1.
 1926. *Macruronus novae-zelandiae* (Hector): Phillipps, Trans. N.Z. Inst., 56, pp. 527 and 528.

Family GADIDAE.

Merluccius gayi (Guichenot). WHITING.

1847. *Merlus gayi* Guichenot, in Gay, Hist. Nat. Chili., Zool., 11, p. 328.
 1872. *Gadus australis* Hutton, Cat. Fish. N.Z., pp. 45 and 115.
 1911. *Merluccius gayi* Guichenot: Waite, Rec. Cant. Mus., 1, No. 3, p. 182, pl. xxx, fig. 2.
 1918. *Merluccius gayi* Guichenot: Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 270.
 1921. *Merluccius gayi* (Guichenot): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120, No. 57.

Halargyreus johnsonii Guenther.

1862. *Halargyreus johnsonii* Guenther: Cat. Fish. B.M., 4, p. 342.
 1872. *Halargyreus johnsonii*. Guenther: Hutton, Cat. Fish. N.Z., p. 45.
 1895. *Halargyreus johnsonii* Guenther: Goode and Bean, Ocean. Ichth., pp. 376 and 531.

Physiculus bachus (Bloch & Schn.). RED COD ; HOKA.

1801. *Gadus bachus* Forster, in Bloch & Schn., Syst. Ichth., p. 53.
 1872. *Lotella bacchus*. Forster: Hutton, Cat. Fish. N.Z., p. 46.
 1892. *Lotella bacchus*: G. M. Thomson, Trans. N.Z. Inst., 24, p. 212.
 1911. *Physiculus bachus* Forster: Waite, Rec. Cant. Mus., 1, No. 3, p. 183, pl. xxxi, fig. 1.
 1918. *Physiculus bachus* (Forster): Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 271.
 1921. *Physiculus bachus* (Forster): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 121, No. 58.
 1922. *Physiculus bachus*: Phillipps, N.Z. Journ. Sci. & Tech., 5, p. 95, No. 58.
 1926. *Physiculus bachus*: Phillipps, Trans. N.Z. Inst., 56, p. 528.

Lotella rhacinus (Forster). ROCK-COD OR SOUTHERN HAKE.

1844. *Gadus rhacinus* Forster, Descr. Anim., p. 304.
 1872. *Lotella rhacinus*. Forster: Hutton, Cat. Fish. N.Z., pp. 46 and 116.
 1874. *Lotella rhacinus* Forster: Hutton, Trans. N.Z. Inst., 6, opposite p. 144, pl. xviii.
 1925. *Physiculus (Lotella) rhacinus* (Forster): Young, N.Z. Journ. Sci. & Tech., 7, pp. 369-71.
 1926. *Lotella rhacinus* (Forster): Phillipps, Trans. N.Z. Inst., 56, p. 532, pl. 89.

Gaidropsarus novae-zealandiae. ROCK-LING.

1874. *Motella novae-zealandiae* Hector, Trans. N.Z. Inst., 6, p. 107.
 1904. *Onos novae-zealandiae*: Hutton, Index Faunae N.Z., p. 48.

Auchenoceros punctatus (Hutton). AHURU OR AHURUHURU.

1873. *Calloptilum punctatum* Hutton, Trans. N.Z., Inst., 5, p. 267, pl. xi.
 1889. *Auchenoceros punctatus*, Hutton: Guenther, Voy. Chall., Pelagic Fish., 31, p. 26, pl. iii, fig. C.
 1911. *Auchenoceros punctatus* Hutton: Waite, Rec. Cant. Mus., 1, No. 3, p. 185, pl. xxxi, fig. 2.

Mora pacifica Waite.

1914. *Mora pacifica* Waite, Trans. N.Z. Inst., 46, p. 128, pl. v.

ORDER **BERYCOMORPHI.** DORIES and NANNYGAIS.Family **BERYCIDAE.****Trachichthodes affinis** (Guenther). GOLDEN SNAPPER; KOAREA.

1959. *Beryx affinis* Guenther, Cat. Fish. B.M., 1, p. 13.
 1877. *Beryx affinis*: Hector, Trans. N.Z. Inst., 9, p. 466, pl. ix.
 1911. *Austroberyx affinis*, Guenther: McCulloch, Endeav. Res., 1, p. 43, fig. xi.
 1921. *Trachichthodes affinis*: McCulloch, Check-list Fish. N.S.W., p. 33, pl. xii, fig. 117 a.
 1921. *Austroberyx affinis* (Guenther): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 121, No. 59.

Family **TRACHICHTHYIDAE.****Hoplostethus elongatus** (Guenther). LONG ROUGHY.

1859. *Trachichthys elongatus*, Guenther, Cat. Fish. B.M., 1, p. 10.
 1887. *Trachichthys elongatus*: Guenther, Voy. Chall., Zool., 22, p. 22, pl. v, fig. C.

Hoplostethus intermedius (Hector).

1875. *Trachichthys intermedius* Hector, Trans. N.Z. Inst., 7, p. 245, pl. xi.
 1887. *Trachichthys intermedius*: Guenther, Voy. Chall., Zool., 22, p. 24, pl. v, fig. D.
 1914. *Hoplostethus intermedius*, Hector: McCulloch, Endeav. Res., 2, pt. 3, p. 100, fig. vi.

Paratrachichthys trailli (Hutton). ROUGHY.

1876. *Trachichthys trailli* Hutton, Trans. N.Z. Inst., 8, p. 212.
 1885. *Trachichthys trailli* Hutton: Arthur, Trans. N.Z. Inst., 17, p. 162, pl. xiv, fig. 2.
 1921. *Paratrachichthys trailli* Hutton: Waite, Rec. South Aust. Mus., 2, No. 1, p. 73, fig. 3.

Family ZEIDAE.

Zeus faber Linnaeus. JOHN-DORY; KUPARU.

1758. *Zeus faber* Linnaeus, Syst. Nat., ed. 10, p. 267.
 1872. *Zeus faber*. Linnaeus: Hutton, Cat. N.Z. Fish., pp. 18 and 111, pl. iv, fig. 27.
 1892. *Zeus faber*: G. M. Thomson, Trans. N.Z. Inst., 24, p. 209.
 1911. *Zeus faber* Linnaeus: Waite, Rec. Cant. Mus., 1, p. 188.
 1916. *Zeus faber* Linn.: Roughley, Fishes of Australia, p. 168, pl. lviii.
 1918. *Zeus faber* Linn.: Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 271.
 1921. *Zeus faber* Linn.: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 121, No. 63.
 1922. *Zeus faber*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 95, No. 63.

Zenopsis nebulosus (Schlegel). MIRROR-DORY.

1847. *Zeus nebulosus* Schlegel, Faun. Japon. Pisces, p. 123, pl. lvi.
 1911. *Zenopsis nebulosa*: McCulloch, Endeav. Res., Zool. 1, pt. 1, p. 83, pl. xvi, fig. 1.
 1922. *Zenopsis nebulosa*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 95.
 1923. *Zenopsis nebulosa* Schlegel: Griffin, Trans. N.Z. Inst., 54, p. 256, pl. 26.

Oreosoma atlanticum Cuvier & Val.

1829. *Oreosoma atlanticum* Cuv. & Val., Hist. Nat. Poiss., iv, p. 515, pl. xciv.
 1860. *Oreosoma atlanticum*: Guenther, Cat. Fish. B.M., 2, p. 396.
 1912. *Oreosoma atlanticum* Cuv. & Val.: Waite, Trans. N.Z. Inst., 44, p. 197, pl. xi.

Family CYTTIDAE.

Cyttus australis Richardson. BOARFISH.

1848. *Capros australis*. Richardson: Voy. Ereb. & Terr. Repts., p. 137, pl. lix, fig. 1-5.
 1872. *Cyttus australis*. Richardson: Hutton, Cat. N.Z. Fish., pp. 19 and 112.
 1921. *Cyttus australis* Richardson: Waite, Rec. South Aust. Mus., 2, No. 1, p. 75, fig. 114.

Cyttus novae-zealandiae (Arthur). SILVER DORY.

1885. *Zeus novae-zealandiae* Arthur, Trans. N.Z. Inst., 17, p. 163, pl. xiv, fig. 3.
 1911. *Cyttus novae-zealandiae* Arthur: Waite, Rec. Cant. Mus., 1, p. 190, pl. xxxii.
 1921. *Cyttus novae-zealandiae* (Arthur): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 121.

Rhombocyttus traversi (Hutton).

1872. *Cyttus traversi* Hutton, Cat. N.Z. Fish., p. 19.
 1873. *Cyttus traversi*, Hutton, Trans. N.Z. Inst., 5, p. 261, pl. ix.

Diretmus argenteus Johnson.

1863. *Diretmus argenteus* Johnson, Proc. Zool. Soc., p. 403, pl. xxxvi, fig. 1.
 1879. *Discus aureus* Campbell, Trans. N.Z. Inst., 11, p. 297, with fig.
 1909. *Diretmus argenteus* Johnson : McCulloch, Rec. Aust. Mus., 7, p. 320.

Capromimus abbreviatus (Hector). ROUGH DORY.

1875. *Platystethus abbreviatus* Hector, Trans. N.Z. Inst., 7, p. 247, pl. xi, fig. 31 c.
 1887. *Cyttus abbreviatus* : Guenther, Voy. Chall. Repts., Zool., 22, p. 42, pl. x, fig. B.
 1911. *Capromimus abbreviatus* Hector : Waite, Rec. Cant. Mus., 1, p. 192, pl. xxxiii.

ORDER **ALLOTRIOGNATHI**. RIBBON-FISHES.Family **REGALECIDAE**.**Regalecus pacificus** Haast. OAR-FISH.

1878. *Regalecus pacificus* Haast, Trans. N.Z. Inst., 10, p. 247.
 1879. *Regalecus pacificus* : Powell, Trans. N.Z. Inst., 11, p. 269.

Regalecus argenteus Parker. PARKER'S OAR-FISH.

1884. *Regalecus argenteus* Parker, Trans. N.Z. Inst., 16, p. 284, pls. xxiii and xxiv.
 1888. *Regalecus argenteus* : Parker, Trans. N.Z. Inst., 20, p. 20, pl. v.

Regalecus glesne (Ascanius).

1788. *Ophidium glesne* Ascanius, Nya Samml. Vid. Selsk. Skr., iii, p. 419.
 1892. *Regalecus grillii* Lindroth : Forbes, Trans. N.Z. Inst., 24, p. 192 (not of Lindroth).
 1895. *Regalecus glesne*, Ascanius : Goode and Bean, Ocean. Ichth., p. 480, pl. cxvii, fig. 395.

Agrostichthys parkeri Benham. BENHAM'S RIBBON-FISH.

1904. *Regalecus parkeri* Benham, Trans. N.Z. Inst., 36, p. 198, pl. ix.
 1923. *Regalecus parkeri* Benham : Phillipps, N.Z. Journ. Sci. & Tech., 6, p. 232 with fig.
 1924. *Agrostichthys parkeri* Benham : Phillipps, Proc. Zool. Soc. Lond., 2, 1924, p. 232.

Trachipterus trachipterus (Gmelin). RIBBON-FISH.

1789. *Cepola trachiptera* Gmelin, in Linné, Syst. Nat., ed. 13, p. 1187.
 1873. *Trachipterus altivelis* Hutton, Trans. N.Z. Inst., 5, p. 264.
 1881. *Trachipterus arawatae* Clarke, Trans. N.Z. Inst., 13, p. 195, with fig.
 1886. *Trachipterus toenia* (Bloch) : McCoy, Prod. Zool. Vict., dec. 13, 2, pl. cxxii.
 1916. *Trachipterus trachipterus* (Gmelin) : Hamilton, Trans. N.Z. Inst., 48, p. 374, with 4 figs.

Trachipterus jacksoniensis (Ramsay).

1881. *Regalecus jacksoniensis* Ramsay, Proc. Linn. Soc. N.S.W., v, p. 631, pl. xx.
 1901. *Trachipterus ishikawae* Jordan and Snyder, Journal Coll. Sci. Tokyo, 15, p. 310, pl. xvii.
 1916. *Trachipterus jacksonensis* (Ramsay): Hamilton, Trans. N.Z. Inst., 48, p. 372, fig. 1.

Family CEPOLIDAE.

Cepola aotea Waite. BAND-FISH.

1910. *Cepola aotea* Waite, Proc. N.Z. Inst., pt. 2, p. 26.
 1911. *Cepola aotea* Waite: Waite, Rec. Cant. Mus., 1, p. 217, pl. xlv.

ORDER HETEROSOMATA. FLAT FISH.

Family PLEURONECTIDAE.

Caulopsetta scapha (Forster). MEGRIM.

1801. *Pleuronectes scapha* Forster, in Bloch & Schn., Syst. Ichth., p. 163.
 1872. *Pseudorhombus scaphus*: Hutton, Cat. Fish. N.Z., p. 51, pl. ix, fig. 82.
 1911. *Caulopsetta scapha* Forster: Waite, Rec. Cant. Mus., 1, p. 200, pl. xxxiv.
 1921. *Caulopsetta scapha* Forster: G. M. Thomson, History Portobello Fish-hatch., p. 82.
 1921. *Caulopsetta scapha* (Forster): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 121.
 1922. *Caulopsetta scapha*: Phillipps, N.Z. Journ. Sci. & Tech., 5, p. 95.

Caulopsetta boops (Hector).

1875. *Pseudorhombus boops* Hector, Trans. N.Z. Inst., 7, p. 249, pl. xi, fig. 826.
 1887. *Pseudorhombus boops*: Guenther, Voy. Chall. Rept., Zool., 22, p. 164, fig. 5, on p. 163.

Caulopsetta hectoris Guenther.

1887. *Pseudorhombus hectoris* Guenther, Voy. Chall. Rept., 22, p. 163, fig. 4.

Brachypleura novae-zeelandiae Guenther.

1862. *Brachypleura novae-zeelandiae* Guenther, Cat. Fish. B.M., 4, p. 419.
 1872. *Brachypleura novae-zeelandiae*. Guenther: Hutton, Cat. Fish. N.Z., p. 50.

Colistium nudipinnis Waite. TURBOT.

1911. *Ammotretis nudipinnis* Waite, Proc. N.Z. Inst., p. 50.
 1876. *Ammotretis rostratus*, Guenther: Hutton, Trans. N.Z. Inst., 8, p. 215 (not of Guenther).
 1911. *Ammotretis nudipinnis* Waite: Waite, Rec. Cant. Mus., 1, p. 209, pl. xxxix.
 1921. *Ammotretis nudipinnis* Waite: G. M. Thomson, Hist. Portobello Fish-hatch., p. 82.

1921. *Ammotretis nudipinnis* Waite : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 122.
 1926. *Colistium nudipinnis* : Norman, Endeav. Res., Australia, 5, pt. 5, p. 273.

***Colistium guntheri* Hutton. BRILL.**

1873. *Ammontretis guntheri* Hutton, Trans. N.Z. Inst., 5, p. 267.
 1911. *Ammontretis guntheri* Hutton : Waite, Rec. Cant. Mus., 1, p. 211, pl. xl.
 1921. *Ammontretis guntheri* Hutton : G. M. Thomson, Hist., Portobello Fish-hatch., p. 82, with fig.
 1921. *Ammontretis guntheri* Hutton : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 122.
 1926. *Colistium guntheri* : Norman, Endeav. Res., Australia, 5, No. 5, p. 274.

***Rhombosolea plebeia* (Richardson). SAND-FLOUNDER ; PATIKI.**

1843. *Rhombus plebeius* Richardson, in Dieffenbach, Travels in N.Z., 2, p. 222.
 1872. *Rhombosolea monopus* Guenther : Hutton, Cat. N.Z. Fish., pp. 51 and 117, pl. ix, fig. 83.
 1873. *Bowenia novae-zealandiae* Haast, Trans. N.Z. Inst., 5, p. 277, pl. xvi.
 1900. *Apsetta thompsoni* Kyle, Proc. Zool. Soc., 1900, p. 986, figs. 1-3.
 1912. *Rhombosolea plebeia* Richardson : Waite, Rec. Cant. Mus., 1, p. 203, pl. xxxv.
 1921. *Rhombosolea plebeia* (Richardson) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 122.
 1921. *Rhombosolea plebeia* Richardson : G. M. Thomson, Hist. Portobello Fish-hatch., p. 84, with figs.
 1922. *Rhombosolea plebeia* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 96.
 1926. *Rhombosolea plebeia* : Norman, Endeav. Res., Australia, 5, No. 5, p. 282.

***Rhombosola leporina* Guenther. YELLOW FLOUNDER ; PATIKI-TOTARA.**

1873. *Rhombosolea leporina* Guenther : Trans. N.Z. Inst., 5, p. 268, pl. xi (not of Guenther).
 1876. *Rhombosolea flesoides* Guenther : Hutton, Trans. N.Z. Inst., 8, p. 215 (not of Guenther).
 1912. *Rhombosolea millari* Waite, Rec. Cant. Mus., 1, p. 205, pl. xxxvii.
 1921. *Rhombosolea millari* Waite : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 122.
 1921. *Rhombosolea millari* Waite : G. M. Thomson, Hist. Portobello Fish-hatch., p. 87.
 1922. *Rhombosolea millari* : Phillipps, N.Z. Journ. Sci. & Tech., 5, p. 96.
 1925. *Rhombosolea millari* : Phillipps, N.Z. Journ. Sci. & Tech., 7, p. 368, with fig.
 1926. *Rhombosolea leporina* : Norman, Endeav. Res., Australia, 5, pt. 5, p. 283.

Rhombosolea tapirina Guenther. GREEN-BACK FLOUNDER.

1862. *Rhombosolea tapirina* Guenther, Cat. Fish. B.M., 4, p. 459.
 1863. *Rhombosolea flesoides* Guenther, A.M.N.H., 3, xi, p. 117.
 1874. *Rhombosolea tapirina* Guenther : Hutton, Trans. N.Z. Inst., 6, p. 106.
 1912. *Rhombosolea tapirina* Guenther : Waite, Rec. Cant. Mus., 1, p. 204,
 pl. xxxvi.
 1921. *Rhombosolea tapirina* Guenther : G. M. Thomson, Hist. Portobello
 Fish-hatch., p. 87.
 1921. *Rhombosolea tapirina* Guenther : Phillipps, N.Z. Journ. Sci. & Tech.,
 4, p. 122.
 1922. *Rhombosolea tapirina* : Phillipps, N.Z. Journ. Sci. & Tech., 5, p. 96.
 1926. *Rhombosolea tapirina* : Norman, Endeav. Res., Australia, 5, No. 5,
 p. 285.

Rhombosolea retiararia Hutton. RIVER-FLOUNDER, BLACK FLOUNDER ;
PATIKI-MOHOAO.

1874. *Rhombosolea retiararia* Hutton, Trans. N.Z. Inst., 6, p. 107.
 1873. *Rhombosolea tapirina*, Guenther : Hutton, Trans. N.Z. Inst., 5,
 p. 268, pl. xii.
 1911. *Rhombosolea retiararia* Hutton : Waite, Rec. Cant. Mus., 1, p. 268,
 pl. xii.
 1921. *Rhombosolea retiararia* Hutton : Phillipps, N.Z. Journ. Sci. & Tech., 4,
 p. 122.
 1925. *Rhombosolea retiararia* : Phillipps, N.Z. Journ. Sci. & Tech., 7, p. 368.
 1926. *Rhombosolea retiararia* : Norman, Endeav. Res., Australia, 5, No. 5,
 p. 281.

Peltorhamphus novae-zeelandiae Guenther. SOLE ; PATIKI RORI.

1862. *Peltorhamphus novae-zeelandiae* Guenther, Cat. Fish. B.M., 4, p. 461.
 1872. *Peltorhamphus novae-zeelandiae*. Guenther : Hutton, Cat. N.Z. Fish.,
 pp. 52 and 117, pl. ix, fig. 84.
 1911. *Peltorhamphus novae-zeelandiae* Guenther : Waite, Rec. Cant. Mus.,
 1, p. 213, pl. xlii.
 1921. *Peltorhamphus novae-zeelandiae* Guenther : Phillipps, N.Z. Journ.
 Sci. & Tech., 4, p. 122, No. 73.
 1921. *Peltorhamphus novae-zeelandiae* Guenther : G. M. Thomson, Hist.
 Portobello Fish-hatch., p. 88, with fig.
 1922. *Peltorhamphus novae-zeelandiae* : Phillipps and Hodgkinson, N.Z.
 Journ. Sci. & Tech., 5, p. 96, No. 73.
 1926. *Peltorhamphus novae-zeelandiae* : Norman, Endeav. Res., 5, No. 5,
 p. 276.

Pelotretus flavilatus Waite. LEMON SOLE.

1911. *Pelotretis flavilatus* Waite, Proc. N.Z. Inst., 43, p. 50.
 1911. *Pelotretis flavilatus* Waite : Waite, Rec. Cant. Mus., 1, p. 212, pl. xli.
 1921. *Pelotretis flavilatus* Waite : G. M. Thomson. Hist. Portobello Fish-
 hatch., p. 83, with figs.
 1921. *Pelotretis flavilatus* Waite : Phillipps, N.Z. Journ. Sci. & Tech., 4,
 p. 122.
 1926. *Pelotretis flavilatus* : Norman, Endeav. Res., Australia, 5, No. 5,
 p. 265.

Family BOTHIDAE.

Lophonectes mongonuiensis Regan.

1914. *Arnoglossus mongonuiensis* Regan, A.M.N.H., ser. 8, 13, p. 16.
 1914. *Arnoglossus mongonuiensis*, Regan: Regan, Voy. Terra Nova, 1, No. 1, p. 21, pl. xi, fig. 2.

ORDER PERCOMORPHI. MULLET, ETC.

Family ATHERINIDAE.

Hepsetia pinguis (Lacépède). HARDYHEAD.

1803. *Atherina pinguis* Lacépède, Hist. Nat. Poiss., 5, p. 372, pl. xi.
 1880. *Atherina pinguis*, Lacépède: Kirk, Trans. N.Z. Inst., 12, p. 309, with fig.
 1912. *Atherina pinguis*, Lacép.: Ogilby, Mem. Qld. Mus., 1, p. 38, pl. xii, fig. 1.
 1921. *Hepsetia pinguis*: McCulloch, Check-list Fish. N.S.W., p. 40, pl. xv, fig. 114 a.

Family MUGILIDAE.

Mugil cephalus Linnaeus. GREY MULLET; KANAE.

1758. *Mugil cephalus* Linnaeus, Syst. Nat., ed. 10, p. 316.
 1872. *Mugil perusii*. Cuv. & Val.: Hutton, Cat. Fish. N.Z., pp. 36 and 113, pl. vi, fig. 57.
 1892. *Mugil perusii*: G. M. Thomson, Trans. N.Z. Inst., 24, p. 211.
 1905. *Mugil cephalus* Linnaeus: Jordan and Evermann, Bull. U.S. Fish. Comm., Hawaii, 23, p. 139, fig. 48.
 1921. *Mugil cephalus* Linnaeus: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120, No. 51.
 1922. *Mugil cephalus*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 95, No. 51.

Agnostomus forsteri (Cuv. & Val.). YELLOW-EYED MULLET, HERRING; AWA.

1836. *Mugil forsteri* Cuv. & Val., Hist. Nat. Poiss., 11, p. 141.
 1845. *Dajaus diemensis* Richardson, Voy. Ereb. & Terr., Ichth., p. 37, pl. xxvi, figs. 1-4.
 1892. *Agnostoma forsteri*: G. M. Thomson, Trans. N.Z. Inst., 24, p. 211.
 1921. *Agnostomus forsteri* Bloch & Schn.: Waite, Rec. South Aust. Mus., 2, No. 1, p. 83, fig. 126.
 1921. *Agonostomus forsteri* Bloch & Schn.: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120.
 1922. *Agonostomus forsteri*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 95, No. 52.

Family SPHYRAENIDAE.

Sphyraena obtusata Cuv. & Val. PIKE.

1829. *Sphyraena obtusata* Cuv. & Val., Hist. Nat. Poiss., 111, p. 350.
 1879. *Sphyraena obtusata*: Kirk, Trans. N.Z. Inst., 12, p. 310, with fig.
 1921. *Sphyraena obtusata* Cuv. & Val.: Waite, Rec. South Aust. Mus., 2, No. 1, p. 85, fig. 129.

SUBORDER STROMATEOIDEAE.

Family STROMATEIDAE.

Cubiceps gracilis (Lowe).

1843. *Cubiceps gracilis* Lowe, Proc. Zool. Soc., p. 82.
 1889. *Cubiceps gracilis* Lowe : Guenther, Chall. Repts., Zool., 31, Pelagic Fishes, p. 11, pl. 11, figs. A-C.
 1896. *Cubiceps gracilis* Lowe : Hutton, Trans. N.Z. Inst., 28, p. 315.

Cubiceps caeruleus Regan.

1914. *Cubiceps caeruleus* Regan, A.M.N.H., ser. 8, 13, p. 15.
 1914. *Cubiceps caeruleus*, Regan : Regan, Voy. Terra Nova, 1, No. 1, p. 19.

Seriolella punctata (Forster). SILVER-FISH.

1801. *Gasterosteus punctatus* Forster, in Bloch & Schn., Syst. Ichth., p. 36.
 1872. *Neptomenus bilineatus* Hutton, Trans. N.Z. Inst., 5, p. 261, pl. viii.
 1911. *Seriorella punctata* Forster : Waite, Rec. Cant. Mus., 1, p. 231, pl. li.
 1911. *Seriorella punctata* Forster : McCulloch, Endeav. Res., Fish, 1, pt. 1, p. 36, pl. x, fig. 1.
 1921. *Seriorella punctata* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120.

Seriorella brama (Guenther). WAREHOUSE.

1860. *Neptonemus brama* Guenther, Cat. Fish. B.M., 2, p. 390.
 1872. *Neptonemus brama* : Hector, in Hutton, Cat. Fish. N.Z., p. 112, pl. v, fig. 31.
 1892. *Neptonemus brama* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 209.
 1911. *Seriorella brama* Guenther : Waite, Rec. Cant. Mus., 1, p. 229, pl. L.
 1921. *Seriorella brama* Guenther : G. M. Thomson, Hist. Portobella Fish-hatch., p. 73.
 1921. *Seriorella brama* (Guenther) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120.

Seriorella porosa Guichenot.

1847. *Seriorella porosa* Guichenot, in Gay, Fauna Chilena, Pisces, p. 238.
 1860. *Seriorella porosa* : Guenther, Cat. Fish. B.M., 2, p. 467.
 1876. *Seriorella porosa*. Guichenot : Hutton, Trans. N.Z. Inst., 8, p. 211.

Centrolophus maoricus Ogilby.

1893. *Centrolophus maoricus* Ogilby, Rec. Aust. Mus., ii, 5, p. 64.
 1914. *Centrolophus maoricus* Ogilby : Regan, Terra Nova Exped., Zool., 1, No. 1, p. 19.
 1919. *Centrolophus maoricus* Ogilby : McCulloch, Rec. Aust. Mus., 12, No. 8, p. 176, pl. xxvi, fig. 2.

Centrolophus britannicus Guenther.

1860. *Centrolophus britannicus* Guenther, A.M.N.H. (3), vi, p. 46.
 1860. *Centrolophus britannicus* Guenther, Cat. Fish. B.M., 2, p. 402.

Centrolophus huttoni Waite.

Centrolophus huttoni Waite, Trans. N.Z. Inst., 42, p. 387.

Centrolophus huttoni Waite, Rec. Cant. Mus., 1, No. 4, p. 318.

Hyperoglyphe porosa (Richardson). BREAM.

Diagramma porosa Richardson, Voy. Ereb. & Terr., Zool., p. 26, pl. xvi, figs. 5 and 6.

Eucumetopus johnstonii Morton: Waite, Trans. N.Z. Inst., 44, p. 200, pl. xii.

Hyperoglyphe porosa Richardson: Waite, Rec. South Aust. Mus., 2, No. 1, p. 86, fig. 131.

Hyperoglyphe porosa Morton: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 120.

Hyperoglyphe porosa Morton: G. M. Thomson, Hist. Portobello Fish-hatch., p. 72 (not fig.).

Family TETRAGONURIDAE.

Tetragonurus cuvieri Risso. SQUARE-TAIL.

Tetragonurus cuvieri Risso, Ichth. Nice, p. 347.

Tetragonurus atlanticus Nob.: Lowe, Fish. Madeira, p. 131, pl. xix.

Tetragonurus cuvieri Risso: Goode and Bean, Ocean. Ichth., p. 230, pl. cxxiii, fig. 417.

Tetragonurus cuvieri Risso: Archey, N.Z. Journ. Sci. & Tech., 3, p. 223, with fig.

SUBORDER PERCOIDEA. PERCH-LIKE FISHES.

Family SERRANIDAE.

Polypterus americanus (Bloch & Schn.): Bass: MORONE.

Polypterus americanus Bloch & Schn., Syst. Ichth., p. 205.

Polypterus americanus Bloch & Schn.: Waite, Trans. N.Z. Inst., 45, p. 215, pls. v and vi.

Polypterus americanus (Bloch & Schn.): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 114.

Polypterus americanus: Phillips and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 91.

Polypterus oxygencus (Bloch & Schn.): GROPER: HAPUKU.

Polypterus oxygencus Bloch & Schn., Syst. Ichth., p. 301.

Polypterus oxygencus Owen: Hutton, Cat. Fish. N.Z., pp. 1 and 102.

Polypterus oxygencus G. M. Thomson, Trans. N.Z. Inst., 24, p. 204.

Polypterus oxygencus Forster: Waite, Rec. Cant. Mus., 1, No. 3, p. 215, pl. xliii.

Polypterus oxygencus (Bloch & Schn.): Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 268.

Polypterus oxygencus Forster: G. M. Thomson, Hist. Portobello Fish-hatch., p. 74.

Polypterus oxygencus: Phillips and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 91.

Hypoplectrodes semicinctus (Cuv. & Val.). HALF-BAND SEA-PERCH.

1833. *Plectropoma semicinctum* Cuv. & Val., Hist. Nat. Poiss., ix, p. 442.
 1875. *Plectropoma huntii* Hector, Trans. N.Z. Inst., 7, p. 240, pl. x, fig. 1.
 1896. *Plectropoma huntii*, Hector : Hutton, Trans. N.Z. Inst., 28, p. 314.

Caesioperca lepidoptera (Forster). RED PERCH ; OIA.

1801. *Epinephelus lepidoptera* Forster, in Bloch & Schn., Syst. Ichth., p. 302.
 1872. *Scorpiis hectori* Hutton, Cat. Fish. N.Z., pp. 4 and 106.
 1898. *Anthias lepidoptera* : Waite, Thetis Prelim. Sci. Res., p. 31, pl. 1.
 1916. *Caesioperca lepidoptera* Forster : Roughley, Fish. Aust., p. 75, pl. xxi.
 1921. *Caesioperca lepidoptera* (Forster) : Philipps, N.Z. Journ. Sci. & Tech., 4, p. 115.

Callanthias splendens Griffin.

1921. *Callanthias splendens* Griffin, Trans. N.Z. Inst., 53, p. 352, pl. lv, fig. 1.

Caprodon longimanus (Guenther). LONGFIN ; MATA.

1859. *Anthias longimanus* Guenther, Cat. Fish. B.M., 1, p. 94.
 1874. *Scorpiis fairchildi* Hector, Trans. N.Z. Inst., 7, p. 241.
 1895. *Caprodon longimanus* : Boulenger, Cat. Fish. B.M., 1, p. 315, pl. xii.

Plagiogeneion rubiginosus (Hutton).

1876. *Therapon rubiginosus* Hutton, Trans. N.Z. Inst., 8, p. 209.
 1890. *Plagiogeneion rubiginosus*, Hutton : Forbes, Trans. N.Z. Inst., 22, p. 274.
 1913. *Plagiogeneion rubiginosus* Hutton : Waite, Trans. N.Z. Inst., 45, p. 218, pl. vii.

Serranops maculicauda Regan.

1914. *Serranops maculicauda* Regan, Voy. Terra Nova, Zool., 1, No. 1, 16, pl. xi, fig. 3.
 1914. *Serranops maculicauda* Regan : Regan, A.M.N.H., ser. 8, 13, p. 15.

Lepidoperca inornata Regan.

1914. *Lepidoperca inornata* Regan, A.M.N.H., ser. 8, 13, p. 15.
 1914. *Lepidoperca inornata*, Regan : Regan, Voy. Terra Nova, 1, No. 1, p. 17, pl. xi, fig. 4.

Epinephelus octofasciatus Griffin.

1926. *Epinephelus octofasciatus* (Griffin, Trans. N.Z. Inst., 56, p. 540, pl. 95.

Family CARANGIDAE.

Longirostrum platessa Cuv. & Val. TREVALLY : ARAARA.

1833. *Caranx platessa* Cuv. & Val., Hist. Nat. Poiss., p. 84.
 1892. *Caranx georgianus* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 208.
 1911. *Caranx platessa* Cuv. & Val. : Waite, Rec. Cant. Mus., 1, p. 233.

1921. *Caranx platessa* Cuv. & Val. : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 117, No. 27.
 1922. *Caranx platessa* : Phillipps and Hodgkinson, Journ. Sci. & Tech., 5, p. 93, No. 27.

Decapterus koheru (Hector). KOHERU.

1875. *Caranx koheru* Hector, Trans. N.Z. Inst., 7, p. 247.
 1921. *Decapterus koheru* (Hector) : Phillipps, Journ. Sci. & Tech., 4, p. 117.
 1922. *Decapterus koheru* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 93.

Trachurus novae-zelandiae Richardson. HORSE-MACKEREL ; HATURE.

1843. *Trachurus novae-zelandiae* Richardson : 12th Rept. B. Assn., 1842, p. 21.
 1878. *Trachurus trachurus* (Linn.) : McCoy, Prod. Zool. Vict., 1, pl. xviii (not Linné).
 1911. *Trachurus picturatus* Bowdich : Waite, Rec. Cant. Mus., 1, p. 232.
 1921. *Trachurus picturatus* Bowdich : G. M. Thomson, Hist. Portobello Fish-hatch., p. 78.
 1921. *Trachurus novae-zelandiae*, Cuv. & Val. : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 117, No. 29.
 1922. *Trachurus novae-zelandiae* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 93, No. 29.

Seriola lalandi Cuv. & Val. KINGFISH, YELLOWTAIL ; HAKU.

1833. *Seriola lalandi* Cuv. & Val., Hist. Nat. Poiss., ix, p. 208.
 1872. *Seriola lalandi* Cuv. & Val. : Hutton, Cat. Fish. N.Z., pp. 17 and 111.
 1892. *Seriola lalandi* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 209.
 1896. *Seriola lalandi* Cuv. & Val. : Jordan and Evermann, Fishes North America, p. 903.
 1921. *Seriola lalandi* Cuv. & Val. : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 117, No. 30.
 1922. *Seriola lalandi* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 93, No. 30.

Naucrates indicus (Linnaeus). PILOT-FISH.

1758. *Gasterosteus indicus* Linnaeus, Syst. Nat., ed. 10, p. 295.
 1872. *Naucrates ductor* Linnaeus : Hutton, Cat. Fish. N.Z., p. 18.
 1921. *Naucrates ductor* : McCulloch, Check-list Fish. N.S.W., p. 53, pl. xxii, fig. 191 a.

Evistius huttonii (Guenther).

1876. *Platystethus huttonii* Guenther, A.M.N.H. (4), xvii, p. 395.
 1877. *Platystethus huttonii* : Guenther, Trans. N.Z. Inst., 9, p. 470.

Family SCIAENIDAE.

Arripis trutta (Forster). KAHAWAI.

1801. *Sciaena trutta* Forster, in Bloch & Schn., Syst. Ichth., p. 542.
 1872. *Arripis salar*. Rich. : Hutton, Cat. Fish. N.Z., pp. 2 and 105, pl. 1, fig. 2 (not of Rich).
 1892. *Arripis salar* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 205.

1911. *Arripis trutta* Forster : Waite, Rec. Cant. Mus., 1, No. 3, p. 219.
 1916. *Arripis trutta*, Forster : Roughley, Fishes of Aust., p. 117, pl. xxxii.
 1918. *Arripis trutta* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 271.
 1921. *Arripis trutta* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech. 4, p. 115, No. 5.
 1922. *Arripis trutta* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 92, No. 5.

Family ERYTHRICKTHYIDAE.

Emmelichthys nitidus Richardson. RED BAITFISH.

1845. *Emmelichthys nitidus* Richardson, Voy. Ereb. & Terr., Ichth., p. 47, pl. xxix, figs. 7 and 8.
 1872. *Erythrithys nitidus*. Rich. : Hutton, Cat. Fish. N.Z., p. 3.
 1880. *Erythrithys nitidus* : Guenther, Study of Fishes, p. 391, fig. 161.
 1921. *Emmelichthys nitidus* : McCulloch, Check-list Fish. N.S.W., p. 56, pl. xxiv, fig. 205 a.
 1921. *Emmelichthys nitidus* (Richardson) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 115.

Family BRAMIDAE.

Brama raii (Bloch). RAY'S BREEM.

1791. *Sparus raii* Bloch, Aust. Fische, v, p. 95, pl. cclxxiii.
 1876. *Toxotes squamosus* Hutton, Trans. N.Z. Inst., 8, p. 210.
 1877. *Brama squamosa* Hector, Trans. N.Z. Inst., 9, p. 465, pl. ix, fig. 32 a.
 1887. *Brama raii* (Bloch) : McCoy, Prod. Zool. Vict., 2, pl. cxxxiii.
 1924. *Brama raii* : Phillipps, N.Z. Journ. Sci. & Tech., 7, p. 246, with fig.

Family PTERACLIDAE.

Pteraclis velifera Pallas. BATFISH.

1770. *Coryphaena velifera* Pallas, Spicil. Zool., viii, p. 19.
 1860. *Pteraclis velifer* : Guenther, Cat. Fish. B.M., 2, p. 411.
 1896. *Pteraclis velifer* : Ogilby, Rec. Aust. Mus., 2, p. 65.

Family MULLIDAE.

Upeneus porosus Cuv. & Val. RED MULLET ; AHURUHURU.

1829. *Upeneus porosus* Cuv. & Val., Hist. Nat. Poiss., 111, p. 455.
 1877. *Upeneichthys valmingii*, Cuv. & Val. : Hector, Trans. N.Z. Inst., 9, p. 465, pl. ix, fig. 5.
 1921. *Upeneus porosus* Cuv. & Val. : Waite, Rec. South Aust. Mus., 2, No. 1, p. 107, fig. 165.
 1921. *Upeneichthys valmingii* (Cuv. & Val.) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 116, No. 18.

Family SPARIDAE.

Pagrosomus auratus (Forster). SNAPPER ; TAMURE.

1801. *Labrus auratus* Forster, in Bloch & Schn., Syst. Ichth., p. 266.
 1872. *Pagrus unicolor*. Quoy and Gaimard : Hutton, Cat. Fish. N.Z., pp. 6 and 106 (not of Quoy & Gaim.).

1892. *Pagrus unicolor*: G. M. Thomson, Trans. N.Z. Inst., 24, p. 205.
 1916. *Pagrosomus auratus* Forster: Roughley, Fishes of Aust., p. 130, pl. xliii.
 1918. *Pagrosomus auratus* (Forster): Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 269.
 1921. *Pagrosomus auratus*: McCulloch, Check-list Fish. Aust., p. 87, pl. xxv, fig. 218 a.
 1921. *Pagrosomus auratus* (Forster): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 116, No. 17.
 1922. *Pagrosomus auratus*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 92, No. 17.
 1926. *Pagrosomus auratus* (Forster): Phillipps, Trans. N.Z. Inst., 56, p. 528.

Family KYPHOSIDAE.

Kyphosus sydneyanus (Guenther). DRUMMER.

1886. *Pimblepterus sydneyanus* Guenther, A.M.N.H. (5), 18, p. 368.
 1887. *Pimblepterus drewii* Hector, Trans. N.Z. Inst., 19, p. 590 (*nomen nudum*).
 1920. *Kyphosus sydneyanus*, Guenther: McCulloch, Rec. Aust. Mus., 13, No. 2, p. 56, pl. xii, fig. 2.
 1920. *Kyphosus sydneyanus*: Waite, Rec. Cant. Mus., 1, No. 4, p. 319.

Family GIRELLIDAE.

Girella tricuspidata (Quoy and Gaimard). BLACKFISH; PARORE.

1824. *Boops tricuspidatus* Quoy & Gaim., Voy. Uranie, p. 296.
 1887. *Girella simplex* Rich.: Hector, Trans. N.Z. Inst., 9, p. 468, pl. viii, fig. 6 c.
 1883. *Girella simplex* Guenther: McCoy, Prod. Zool. Vict., dec. viii, pl. lxxiii.
 1899. *Girella multilineata* Clarke, Trans. N.Z. Inst., 31, p. 98, pl. vii.
 1920. *Girella tricuspidata*, Quoy & Gaim.: McCulloch, Rec. Aust. Mus., 13, No. 2, p. 60, pl. xiv, fig. 1.
 1921. *Girella tricuspidata* (Quoy and Gaimard): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 116, No. 14.
 1922. *Girella tricuspidata*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 92, No. 14.

Girella cyanea Macleay. BLUEFISH; KOROKOROPOUNAMU.

1881. *Girella cyanea* Macleay, Proc. Linn. Soc. N.S.W., 5, p. 409.
 1916. *Girella cyanea*, Macleay: Roughley, Fishes of Aust., p. 54, pl. xiii.
 1921. *Girella cyanea* Macleay: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 116.
 1926. *Girella cyanea* Macleay: Phillipps, Trans. N.Z. Inst., 56, p. 535.

Family SCORPIDIDAE.

Scorpis violaceus (Hutton). MAOMAO.

1873. *Ditrema violaceum* Hutton, Trans. N.Z. Inst., 5, p. 261, pl. viii, fig. 316.
 1886. *Ditrema violacea* Sherrin, Fishes of N.Z., p. 66.
 1888. *Ditrema violacea*: Sandager, Trans. N.Z. Inst., 20, p. 129.

1921. *Scorpis violaceus* Hutton: McCulloch, Check-list Fish. N.S.W., p. 90.
 1921. *Scorpis violaceus* (Hutton): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 116, No. 19.
 1922. *Scorpis violaceus*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 93, No. 19.

***Scorpis aequipinnis* Richardson. SWEEP; HUI.**

1848. *Scorpis aequipinnis* Richardson, Voy. Ereb. & Terr., Ichth., p. 121.
 1888. *Diretma* var. (or sp.), Sandager, Trans. N.Z. Inst., 20, p. 129.
 1916. *Scorpis aequipinnis*: McCulloch, Rec. Aust. Mus., 11, p. 177, fig. 2.
 1923. *Scorpis aequipinnis* Richardson: Griffin, Trans. N.Z. Inst., 54, p. 253, pl. 24.

***Atypichthys strigatus* (Guenther). MADO.**

1860. *Atypus strigatus* Guenther, Cat. Fish. B.M., 2, p. 64.
 1880. *Atypus strigatus*, Guenther: Kirk, Trans. N.Z. Inst., 12, p. 308, with fig.

Family HISTIOPTERIDAE.

***Zanclistius elevatus* (Ramsay and Ogilby). SHORT BOARFISH.**

1888. *Histioporus elevatus* Rams. & Ogil., Proc. Linn. Soc. N.S.W. (2), iii, p. 131.
 1911. *Zanclistius elevatus* Rams. & Ogil.: Waite, Rec. Cant. Mus., 1, No. 3, p. 216.
 1921. *Zanclistius elevatus* Rams. & Ogil.: Waite, Rec. South Aust. Mus., 2, No. 1, p. 118, fig. 180.

***Paristiopterus labiosus* (Guenther). GIANT BOARFISH.**

1871. *Histioporus labiosus* Guenther, Proc. Zool. Soc., p. 658, pl. 59.
 1899. *Histioporus farnelli* Waite, Mem. Aust. Mus., No. 4, pt. 1, p. 116, pl. xxvii.
 1911. *Maccullochya labiosus* Guenther: Waite, Rec. Cant. Mus., 1, p. 217.
 1923. *Paristiopterus labiosus*: Griffin, Trans. N.Z. Inst., 54, p. 250, pl. xxiii.

***Pseudopentaceros richardsonii* (Smith).**

1849. *Pentaceros richardsonii* Smith, Illustr. Zool. S. Africa, Pisces, pl. xxi.
 1890. *Pentaceros richardsoni*: Hutton, Trans. N.Z. Inst., 22, p. 227.
 1923. *Pseudopentaceros richardsoni* Smith: McCulloch and Phillipps, Rec. Aust. Mus., 14, No. 1, p. 18, pl. iv, fig. 1.

Family APLODACTYLIDAE.

***Haplodactylus meandratus* Richardson. MARBLEFISH; KEKE.**

1849. *Aplodactylus meandratus* Richardson, Trans. Zool. Soc., 3, p. 83.
 1872. *Chironemus georgianus* Hutton, Cat. Fish. N.Z., p. 241, pl. x, fig. 6 b.
 1873. *Haplodactylus donaldii* Haast, Trans. N.Z. Inst., 5, p. 272, pl. xvi.
 1875. *Haplodactylus meandratus*, Banks & Sol.: Hector, Trans. N.Z. Inst., 7, p. 241, pl. x, fig. 6 b.
 1921. *Aplodactylus meandratus* (Rich.): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 115, No. 10.
 1922. *Aplodactylus meandratus*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 92, No. 10.

Family CHEILODACTYLIDAE.

Dactylopagrus macropterus (Forster). TARAKIHI.

1801. *Cichla macroptera* Forster, in Bloch & Schn., Syst. Ichth., p. 342.
 1872. *Chilodactylus macropterus* Forster : Hutton, Cat. Fish. N.Z., pp. 8 and 107.
 1892. *Chilodactylus macropterus* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 206.
 1911. *Dactylosparus macropterus*, Forster : McCulloch, Endeavour Res., 1, pt. 1, p. 66, pl. xii.
 1911. *Chilodactylus macropterus* Forster : Waite, Rec. Cant. Mus., 1, No. 3, p. 220, pl. xlv.
 1918. *Dactylosparus macropterus* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 271.
 1921. *Dactylosparus macropterus* Forster : G. M. Thomson, Hist. Portobello Fish-hatch., p. 76, with fig.
 1921. *Dactylosparus macropterus* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 115, No. 11.
 1922. *Dactylopagrus macropterus* : Phillipps and Hodgkinson, Journ. Sci. & Tech., 5, p. 92, No. 11.
 1922. *Dactylopagrus macropterus* (Forster) : Phillipps, Trans. N.Z. Inst., 56, p. 525.

Cheilodactylus douglasii Hector. PORAE.

1875. *Cheilodactylus douglasii* Hector, Trans. N.Z. Inst., 7, p. 244, pl. x, fig. 11 b.
 1886. *Cheilodactylus douglasii* : Sherrin, Fishes of N.Z., p. 80.

Goniistius bizonarius (Saville-Kent). MAGPIE-PERCH.

1888. *Chilodactylus vizonarius* Saville-Kent, Papers and Proc. Roy. Soc. Tasm. for 1887, pp. 47 and 48.
 1911. *Goniistius vizonarius*, Kent : McCulloch, Endeav. Res., 1, p. 64, pl. 11.
 1918. *Cheilodactylus bizonarius* Saville-Kent : J. A. Thomson, N.Z. Journ. Sci. & Tech., 1, p. 6, fig. 2.

Chironemus marmoratus Guenther. KELPFISH ; HIWIHIWI.

1860. *Chironemus marmoratus* Guenther, Cat. Fish. B.M., 2, p. 76.
 1875. *Haplodactylus fergussoni* Hector, Trans. N.Z. Inst., 7, p. 243.
 1877. *Chironemus fergussoni* : Hector, Trans. N.Z. Inst., 9, p. 467, pl. viii, fig. 8 a.
 1892. *Chironemus fergussoni* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 206.
 1923. *Chironemus marmoratus* Guenther : McCulloch and Phillipps, Rec. Aust. Mus., 14, No. 1, p. 19.

Chironemus spectabilis Hutton. RED MOKI ; NANUA.

1872. *Chilodactylus spectabilis* Hutton, Cat. Fish. N.Z., p. 8.
 1873. *Chilodactylus spectabilis*, Hutton : Hutton, Trans. N.Z. Inst., p. 259, pl. vii.
 1921. *Chironemus spectabilis* (Hutton) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 116, No. 13.

Mendosoma lineatum Guichenot.

1847. *Mendosoma lineatum* Guichenot, in Gay, Hist. Chile, Zool., 2, p. 213.
 1873. *Mendosoma lineata*, Forst. : Hutton, Trans. N.Z. Inst., 5, p. 260,
 pl. 7.
 1877. *Mendosoma lineatum*, Gay : Hutton, Trans. N.Z. Inst., 9, p. 353.

Family LATRIDAE.

Latridopsis ciliaris (Forster). MOKI.

1801. *Sciaena ciliaris* : Forster, in Bloch & Schn., Syst. Ichth., p. 311.
 1845. *Latris ciliaris* : Richardson, Voy. Ereb. & Terr., Fishes, p. 37,
 pl. xxxvi, figs. 6 and 7.
 1892. *Latris ciliaris* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 206.
 1911. *Latris ciliaris* Forster : Waite, Rec. Cant. Mus., 1, No. 3, p. 220.
 1918. *Latridopsis ciliaris* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 1,
 p. 270.
 1921. *Latris ciliaris* Forster : G. M. Thomson, Hist. Portobello Fish-hatch.,
 p. 76, with fig.
 1921. *Latridopsis ciliaris* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech.,
 4, pp. 115 and 124, No. 7.
 1922. *Latridopsis ciliaris* : Phillipps and Hodgkinson, N.Z. Journ. Sci.
 & Tech., 5, p. 92.
 1926. *Latridopsis ciliaris* (Forster) : Phillipps, Trans. N.Z. Inst., 56,
 p. 526.

Latridopsis aërosa (Hutton).

1877. *Latris aërosa* Hutton, Trans. N.Z. Inst., 9, p. 353.
 1921. *Latridopsis aërosa* (Hutton) : Phillipps, N.Z. Journ. Sci. & Tech., 4,
 p. 115.

Latris lineata (Forster). TRUMPETER ; KOHIKOHI.

1801. *Cichla lineata* Forster, in Bloch & Schn., Syst. Ichth., p. 342.
 1872. *Latris hecateia*. Richardson : Hutton, Cat. Fish. N.Z., pp. 8 and 107,
 pl. 11, fig. 12 (not of Rich.).
 1892. *Latris hecateia* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 206.
 1921. *Latris lineata* Forster : G. M. Thomson, Hist. Portobello Fish-hatch.,
 p. 76, with fig.
 1921. *Latris lineata* : McCulloch, Check-list Fish. N.S.W., p. 94, pl. xxix,
 fig. 249 a.
 1921. *Latridopsis lineata* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 4,
 pp. 115 and 124, No. 7.
 1922. *Latridopsis lineata* : Phillipps and Hogkinson, N.Z. Journ. & Tech.,
 5, p. 92, No. 7.

Family POMACENTRIDAE.

Chromis dispilus Griffin.

1923. *Chromis dispilus* Griffin, Trans. N.Z. Inst., 54, p. 254, pl. 25.

Family SCARIDAE.

Odax vittatus Richardson. KELP-FISH ; TARAO.

1843. *Odax vittatus* Richardson, A.M.N.H., xi, p. 426.
 1873. *Odax vittatus*, Solander : Hutton, Trans. N.Z. Inst., 5, p. 266.
 1879. *Odax vittatus*. Sol., variety : Arthur, Trans. N.Z. Inst., 17, p. 169,
 pl. xiv, fig. 7.
 1921. *Odax vittatus* Richardson : Phillipps, N.Z. Journ. Sci. & Tech., 4,
 p. 117, No. 25.
 1922. *Odax vittatus* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech.,
 5, p. 93, No. 25.

Coridodax pullus (Forster). BUTTERFISH, SOUTHERN KELP-FISH ;
MARARI.

1801. *Scarus pullus* Forster, in Bloch & Schn., Syst. Ichth., p. 208.
 1872. *Coridodax pullus* Forster : Hutton, Cat. Fish. N.Z., pp. 44 and 114,
 pl. vii, fig. 71.
 1911. *Coridodax pullus* Forster : Waite, Rec. Cant. Mus., 1, p. 227,
 pl. xlix.
 1918. *Coridodax pullus* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 1,
 p. 271.
 1921. *Coridodax pullus* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 4,
 pp. 117 and 124, No. 26.
 1921. *Coridodax pullus* Forster : G. M. Thomson, Hist. Portobello Fish-
 hatch., p. 78.
 1922. *Coridodax pullus* (Forster) : Phillipps and Hodgkinson, N.Z. Journ.
 Sci. & Tech., 5, p. 93, No. 26.

Pseudolabrus fucicola (Richardson).

1840. *Labrus fucicola* Richardson, Proc. Zool. Soc., p. 26.
 1872. *Labrichthys bothryocosmus* Rich. : Hutton, Cat. Fish. N.Z., pl. vii,
 fig. 68.
 1913. *Pseudolabrus fucicola*, Richardson : McCulloch, Rec. Aust. Mus., 9,
 p. 374, pl. xviii.
 1921. *Pseudolabrus fucicola* Richardson : Waite, Rec. South Aust. Mus., 2,
 No. 1, p. 128, fig. 194.

Pseudolabrus coccineus (Bloch and Schneider). SCARLET PARROTFISH,
SOLDIER ; PUWAI-WHAKARUA or PAU.

1872. *Labrichthys psittacula*. Rich. : Hutton, Cat. Fish. N.Z., p. 43.
 1880. *Labrichthys roseipunctata* Hutton, Trans. N.Z. Inst., 12, p. 455.
 1911. *Pseudolabrus coccineus* Forster : Waite, Rec. Cant. Mus., 1, p. 224,
 pl. xlv.
 1913. *Pseudolabrus miles* Bloch & Schn. : McCulloch, Rec. Aust. Mus., 9,
 p. 372.
 1921. *Pseudolabrus miles* (Bloch & Schn.) : Phillipps, N.Z. Journ. Sci. &
 Tech., 4, p. 116, No. 20.
 1921. *Pseudolabrus miles* Bloch & Schn. : G. M. Thomson, Hist. Porto-
 bello Fish-hatch., p. 77.

Pseudolabrus celidotus (Forster). SPOTTY ; PAEKIRIKIRI.

1801. *Labrus celidotus* Forster, in Bloch & Schn., Syst. Ichth., p. 133.
 1873. *Labrichthys bothryocosmus*. Guenther : Hutton, Trans. N.Z. Inst., 5, p. 265, pl. x, fig. 68.
 1892. *Labrichthys bothryocosmus* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 21.
 1911. *Pseudolabrus celidotus* Forster : Waite, Rec. Cant. Mus., 1, p. 224.
 1921. *Pseudolabrus celidotus* Forster : Waite, Rec. South Aust. Mus., 2, No. 1, p. 129, fig. 195.
 1921. *Pseudolabrus celidotus* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 117, No. 22.
 1921. *Pseudolabrus celidotus* Forster : G. M. Thomson, Hist. Portobello Fish-hatch., p. 77.

Pseudolabrus cinctus (Hutton). GIRDLED PARROTFISH.

1877. *Labrichthys cinctus* Hutton, Trans. N.Z. Inst., 9, p. 354.
 1911. *Pseudolabrus cinctus* Hutton : Waite, Rec. Cant. Mus., 1, No. 3, p. 226, pl. xlvii.
 1921. *Pseudolabrus cinctus* (Hutton) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 116.
 1921. *Pseudolabrus cinctus* Hutton : G. M. Thomson, Hist. Portobello Fish-hatch., p. 77.

Pseudolabrus pittensis Waite.

1910. *Pseudolabrus pittensis* Waite, Proc. N.Z. Inst., 43, p. 26.
 1911. *Pseudolabrus pittensis* Waite : Waite, Rec. Cant. Mus., 1, No. 3, p. 226.
 1921. *Pseudolabrus pittensis* Waite : G. M. Thomson, Hist. Portobello Fish-hatch., p. 78.

Pictilabrus laticlavius (Richardson). SENATOR-FISH.

1839. *Labrus laticlavius* Richardson, Proc. Zool. Soc., p. 99.
 1884. *Labrichthys laticlavius*, Rich. : Hector, Trans. N.Z. Inst., 16, p. 323.
 1888. *Labrichthys laticlavius* Rich. : McCoy, Prod. Zool. Vict., 2, pl. clxiii.
 1913. *Pictilabrus laticlavius* Richardson : McCulloch, Rec. Aust. Mus., 9, p. 366.

Coris sandageri (Hector). SANDAGER'S PARROT-FISH.

1884. *Cymolutes sandeyeri** Hector, Trans. N.Z. Inst., 16, p. 323.
 1892. *Cymolotus sandayeri* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 212.
 1920. *Coris rex*, Ramsay and Ogilby : McCulloch, Rec. Aust. Mus., 13, No. 2, p. 67, pl. xiv, fig. 2.
 1921. *Coris sandeyeri* (Hector) : Griffin, Trans. N.Z. Inst., 53, p. 354, pl. lix, fig. 2.

Verreo oxycephalus (Bleeker). RED PIGFISH ; PAKURAKURA.

1862. *Cossyphus oxycephalus* Bleeker, Versl. K. Akad., Amsterdam, xiv, p. 129.
 1884. *Cossyphus unimaculatus* Guenther : Hector, Trans. N.Z. Inst., 16, p. 323.

* "*sandeyeri*" is obviously a misprint for "*sandageri*," the species being named after the lighthouse-keeper, Sandager.

1916. *Verreo oxycephalus*, Bleeker : Roughley, Fishes of Aust., p. 152, pl. (51) li.
 1921. *Verreo oxycephalus* : McCulloch, Check-list Fish. N.S.W., p. 99, pl. xxx.
 1921. *Verreo oxycephalus* (Bleeker) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 117, No. 23.
 1922. *Verreo oxycephalus* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 93, No. 23.

Verreo bellis Ramsay and Ogilby. BANDED PIGFISH ; KOTAKOTA.

1887. *Cossyphus bellis* Ramsay and Ogilby, Proc. Linn. Soc. N.S.W. (2), ii, p. 561.
 1916. *Verreo oxycephalus*, var. *bellis* Ramsay and Ogilby : Roughley, Fishes of Aust., p. 154, pl. lii.
 1921. *Verreo oxycephalus* var. *bellis* Ramsay and Ogilby : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 117.
 1921. *Verreo bellis* : McCulloch, Check-list Fish. N.S.W., p. 99.

Duymaeria flagellifer (Cuvier & Val.).

1839. *Ctenolabrus flagellifer* Cuv. & Val., Hist. Nat. Poiss., xiii, p. 240.
 1890. *Duymaeria flagellifera* Cuv. & Val. : Hector, Trans. N.Z. Inst., 22, p. 527.

Family LEPTOSCOPIDAE.

Leptoscopus macropygus (Richardson). STARGAZER.

1846. *Uranoscopus macropygus* Richardson, Voy. Ereb. & Terr., Ichth., p. 55, pl. xxxiii, figs. 4-6.
 1873. *Leptoscopus huttonii* Haast., Trans. N.Z. Inst., 5, p. 275, pl. xvi, fig. 3.
 1874. *Leptoscopus macropygus* Richardson : Hutton, Trans. N.Z. Inst., 6, p. 106, pl. xix, fig. 36 b.
 1921. *Leptoscopus macropygus* (Richardson) : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 123, No. 78.

Crapatalus novae-zelandiae Guenther.

1861. *Crapatalus novae-zelandiae* Guenther, A.M.N.H. (3), vii, p. 87, pl. x.
 1874. *Leptoscopus angusticeps* Hutton, Trans. N.Z. Inst., 6, p. 106, pl. xix, fig. 36 c.
 1911. *Crapatalus novae-zelandiae* Guenther : Waite, Rec. Cant. Mus., 1, p. 239.
 1921. *Crapatalus novae-zelandiae* Guenther : G. M. Thomson, Hist. Portobello Fish-hatch., p. 92.

Family CHEIMARRICHTHYIDAE.

Cheimarrichthys fosteri Haast. PAPANOKO or PAPĀNE.

1874. *Cheimarrichthys fosteri* Haast, Trans. N.Z. Inst., 6, p. 103, pl. xviii.
 1909. *Cheimarrichthys fosteri* Haast : Waite, Trans. N.Z. Inst., 42, p. 390, pl. xxxviii.
 1923. *Cheimarrichthys fosteri* Haast : McCulloch and Phillipps, Rec. Aust. Mus., 14, No. 1, p. 19, pl. iv, fig. 2.
 1926. *Cheimarrichthys fosteri* : Phillipps, N.Z. Journ. Sci. & Tech., 8, p. 298.

Family PARAPERCIDAE.

Parapercis colias (Forster). BLUE COD ; RAWARU.

1801. *Gadus colias* Forster, in Bloch. & Schn., Syst. Ichth., p. 54.
 1872. *Percis colias* Forst. : Hutton and Hector, Cat. Fish. N.Z., pp. 25 and 113, pl. vi, fig. 38.
 1886. *Percis colias* : Sherrin, Fishes of N.Z., p. 15.
 1892. *Percis colias* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 209.
 1918. *Parapercis colias* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 270.
 1921. *Parapercis colias* Forster : G. M. Thomson, Hist. Portobello Fish-hatch., p. 92, with figs.
 1921. *Parapercis colias* (Forster) : Phillipps, N.Z. Journ. Sci. & Tech., 4, pp. 123 and 125, No. 79.
 1922. *Parapercis colias* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 96, No. 79.

Parapercis gilliesii (Hutton).

1879. *Percis gilliesii* Hutton, A.M.N.H. (5), iii, p. 53.
 1911. *Parapercis gilliesii* Hutton : Waite, Rec. Cant. Mus., 1, No. 3, p. 244, pl. liii.

Family URANOSCOPIDAE.

Kathetostoma giganteum Haast. FLATHEAD.

1873. *Kathetostoma giganteum* Haast, Trans. N.Z. Inst., 5, p. 274, pl. xvi, fig. 2.
 1872. *Kathetostoma laere*. Bleeker : Hutton, Cat. Fish. N.Z., p. 23.
 1911. *Kathetostoma giganteum* Haast : Waite, Rec. Cant. Mus., 1, p. 241.
 1921. *Kathetostoma giganteum* Haast : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 123, No. 77.
 1921. *Kathetostoma giganteum* : Thomson, Hist. Portobello Fish-hatch., p. 94.

Kathetostoma fluviatile Hutton.

1872. *Kathetostoma fluviatilis* Hutton, Cat. Fish. N.Z., p. 24.
 1896. *Kathetostoma fluviatilis* Hutton : Hutton, Trans. N.Z. Inst., 28, p. 315.

Geniagnus monopterygius (Bloch & Schn.). CATFISH.

1801. *Uranoscopus monopterygius* (Bloch & Schn.), Syst. Ichth., p. 49.
 1845. *Uranoscopus monopterygius* : Richardson, Voy. Ereb. & Terr., Zool., p. 54, pl. xxxiii.
 1872. *Kathetostoma monopterygius* Bleeker : Hutton, Cat. Fish. N.Z., p. 23.
 1873. *Synnema monopterygius* : Haast, Trans. N.Z. Inst., 5, p. 274.

Gnathagnus innotabilis Waite.

1904. *Gnathagnus innotabilis* Waite, Rec. Aust. Mus., 5, p. 238, pl. xxvi, fig. 1.
 1911. *Gnathagnus innotabilis* Waite : Waite, Rec. Cant. Mus., 1, p. 243.

Family NOTOTHENIIDAE.

Notothenia macrocephala Guenther. MAORI-CHIEF.

1860. *Notothenia macrocephala* Guenther, Cat. Fish. B.M., 2, p. 263.
 1873. *Notothenia maoriensis* Haast, Trans. N.Z. Inst., 5, p. 276, pl. xvi, with fig.
 1875. *Notothenia augustata* Hutton, A.M.N.H. (4), 16, p. 315.
 1879. *Notothenia arguta* Hutton, Trans. N.Z. Inst., 11, p. 339.
 1921. *Notothenia macrocephala* Guenther: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 123, No. 80.
 1921. *Notothenia macrocephala*: G. M. Thomson, Hist. Portobello Fish-hatch., p. 94.

Notothenia cornucola Richardson.

1845. *Notothenia cornucola* Richardson, Voy. Ereb. & Terr., Ichth., pp. 8 and 18, pls. viii, figs. 4, 5, and pl. xi, figs. 3, 4.
 1873. *Notothenia cornucola* Rich.: Hutton, Trans. N.Z. Inst., 5, p. 262.
 1915. *Notothenia cornucola*: Regan, Scotia Nat. Ant. Exped., Zool., 4, p. 357.

Notothenia microlepidota Hutton. BLACK COD.

1876. *Notothenia microlepidota* Hutton, Trans. N.Z. Inst., 8, p. 213.
 1879. *Notothenia parva* Hutton, Trans. N.Z. Inst., 11, p. 339.
 1909. *Notothenia microlepidota*, Hutton: Waite, Subantarctic Islds. of N.Z., 2, p. 590, fig. 24.
 1915. *Notothenia microlepidota*: Regan, Voy. Scotia Nat. Ant. Exped., Zool., 4, p. 359.
 1921. *Notothenia microlepidota*: G. M. Thomson, Hist. Portobello Fish-hatch., p. 94.

Notothenia filholi Sauvage.

1880. *Notothenia filholi* Sauvage, Bull. Soc. Philo. (7), iv, p. 228.
 1915. *Notothenia filholi*: Regan, Voy. Scotia Res., Nat. Ant. Exped., 4, p. 360.

Notothenia colbecki Boulenger.

1902. *Notothenia colbecki* Boulenger, Rept. Nat. Hist. Coll., Southern Cross, p. 185, pl. xvi.
 1909. *Notothenia colbecki*, Boulenger: Waite, Subantarctic Islds. N.Z., 2, p. 594.
 1915. *Notothenia colbecki*: Regan, Antarctic Fishes, Scotia Nat. Ant. Exped., p. 360.

Bovichthys variegatus (Richardson).

1846. *Bovichthys variegatus* Richardson, Voy. Ereb. & Terr., Ichth., p. 56, pl. xxxiv, figs. 1-4.
 1873. *Bovichthys variegatus* Richardson: Hutton, Trans. N.Z. Inst., 5, p. 262.
 1904. *Bovichthys roseo-pictus* Hutton, Trans. N.Z. Inst., 36, p. 148.
 1915. *Bovichthys variegatus*: Regan, Voy. Scotia Nat. Ant. Exped., Zool., 4, p. 337.
 1921. *Bovichthys variegatus*: Check-list Fish. N.S.W., p. 103, pl. xxxii, fig. 284 a.

SUBORDER SCOMBROIDEA. TRUE MACKERELS.

Family SCOMBRIDAE.

Katsuwonus pelamis (Linnaeus). BONITO.

1758. *Scomber pelamis* Linnaeus, Syst. Nat., ed. 10, p. 297.
 1839. *Thynnus pelamis* : Schlegel, Faun. Japon. Pisc., p. 96, pl. xlix.
 1921. *Euthynnus pelamis* : McCulloch Check-list Fish. N.S.W., p. 105, pl. xxxiii, fig. 289 a.

Pneumatophorus australasicus (Cuvier & Val.). SOUTHERN MACKEREL ; TAWATAWA.

1831. *Scomber australasicus* Cuv. & Val., Hist. Nat. Poiss., viii, p. 49.
 1908. *Scomber colias* : Stead, Edible Fish. N.S.W., p. 94, pl. lxiii.
 1911. *Scomber pneumatophorus* De la Roche : Waite. Rec. Cant. Mus., 1, p. 233.
 1921. *Scomber colias* Gmelin : Waite, Rec. Aust. Mus., 2, No. 1, p. 143, fig. 225.
 1921. *Scomber australasicus* Cuv. & Val. : Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 118, No. 31.
 1922. *Scomber australasicus* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 93, No. 31.

Scomberomorus guttatus (Bloch & Schn.). SPOTTED SPANISH MACKEREL.

1801. *Scomber guttatus* Bloch & Schn., Syst. Ichth., p. 23, pl. v.
 1876. *Cybiurn guttatum* : Day, Fish. India, p. 255, pl. lxi, fig. 4.
 1895. *Cybiurn guttatum* Bloch : Hutton, Trans. N.Z. Inst., 28, p. 315.
 1921. *Scomberomorus guttatus* : McCulloch Check-list Fish. N.S.W., p. 105.

Gasterochisma melampus Richardson. BUTTERFLY-FISH.

1845. *Gasterochisma melampus* Richardson, A.M.N.H., 15, p. 346.
 1846. *Gasterochisma melampus* Richardson, Voy. Ereb. & Terr., p. 60, pl. xxxvii, figs. 1-3.
 1913. *Gasterochisma melampus* Richardson : Waite, Trans. N.Z. Inst., 45, p. 220, pl. viii.
 1907. *Gasterochisma melampus* Richardson : Stead, Additions to Fish Fauna N.S.W., p. 21, pl. vi.
 1921. *Gasterochisma melampus* : McCulloch, Check-list Fish. N.S.W., p. 104, pl. xxxiii, fig. 287 a.
 1921. *Lepidothyurus huttoni* Guenther : G. M. Thomson, Hist. Portobello Fish-hatch., p. 79.

Sarda chilensis (Cuv. & Val.). TUNNY.

1831. *Pelamys chilensis* Cuv. & Val., Hist. Nat. Poiss., 8, p. 163.
 1844. *Pelamys orientalis* Temm. & Schlegel, Fauna Japonica Poiss., p. 99, pl. lii.
 1872. *Pelamys chilensis* Cuv. & Val. : Hutton, Cat. Fish. N.Z., p. 22.
 1908. *Sarda chilensis* : Stead, Edible Fish. N.S.W., p. 94, pl. lxiv.

Family THUNNIDAE.

Germo germo (Lacépède). LONG-FINNED ALBACORE.

1800. *Scomber germo* Lacépède, Hist. Nat. Poiss., 2, p. 598.
 1913. *Germo germon* Lacépède : Waite, Rec. Cant. Mus., 2, No. 1, p. 19.
 1918. *Germo germon* (Lacépède) : J. A. Thomson, N.Z. Journ. Sci. & Tech., 1, p. 7, fig. 3.
 1921. *Germo germon* (Lacépède) : Phillipps, N.Z. Journ. Sci. & Tech., 5, p. 118, No. 32.
 1927. *Germo germo* (Lacépède) : Jordan and Evermann, Occ. Papers Calif. Acad. Sci., 12, p. 16, pl. 3, fig. 1.

Thunnus phillippsi Jordan and Evermann. BAY OF ISLANDS TUNA.

1926. *Thunnus phillippsi** Jordan and Evermann, Occ. Papers Calif. Acad. Sci., 12, p. 13, pl. 2, fig. 4.

Family LUVARIDAE.

Luvarus imperialis Rafinesque. LUVARU.

1810. *Luvarus imperialis* Rafinesque, Caratteri, p. 22.
 1884. *Luvarus imperialis* : Day, Fishes Gr. Brit. & Ireland, 1, p. 121, pl. liii.
 1921. *Luvarus imperialis* : McCulloch, Check-list Fish. N.S.W., p. 106, pl. xxxiii, fig. 294 a.
 1922. *Luvarus imperialis* : Griffin, N.Z. Journ. Sci. & Tech., 4, p. 318.

LUVARIFORMES.

Family LAMPRIDAE.

Lampris regius (Bonnaterre). MOON-FISH.

1788. *Zeus regius* Bonnaterre, Ichth., p. 72, pl. 39, fig. 155.
 1884. *Lampris luna*, Risso : Hector, Trans. N.Z. Inst., 16, p. 322.
 1895. *Lampris regius* (Bonnaterre), Retz : Goode and Bean, Ocean, Ichth., p. 233, with fig.
 1911. *Lampris pelagicus* Gunnerus : Waite, Rec. Cant. Mus., 1, p. 186.

XIPHIIFORMES.

Family XIPHIIDAE.

Xiphias gladius Linnaeus. SPEAR-FISH, BROADBILL ; PAEA.

1758. *Xiphias gladius* Linnaeus, Syst. Nat., 10th ed., p. 248.
 1875. *Xiphius gladius* Linn. : Hector, Trans. N.Z. Inst., 7, p. 246.
 1876. *Xiphius gladius* Cheeseman, Trans. N.Z. Inst., 8, p. 219.
 1921. *Xiphias gladius* Linnaeus : McCulloch, Check-list Fish. N.S.W., p. 106, pl. xxxiv.
 1926. *Xiphias gladius* Linnaeus : Phillipps, Trans. N.Z. Inst., 56, p. 535, pl. 91.

Family ISTIOPHORIDAE.

Makaira mitsukurii (Jordan and Snyder). STRIPED MARLIN.

1901. *Tetrapturus mitsukurii* Jordan and Snyder, Journ. Coll. Sci. Imp. Univ. Tokyo, xv, pt. 2, p. 303, pl. xvi, fig. 5.

* *phillippsi* was obviously a misprint.

1913. *Tetrapturus mitsukurii* Jordan and Snyder: Jordan, Tanaka, and Snyder, Cat. Fish. Japan, Journ. Coll. Sci. Imp. Univ. Tokyo, 33, Art. 1, p. 125.
1926. *Makaira mitsukurii* (Jordan and Snyder): Jordan and Evermann, Occ. Papers Calif. Acad. Sci., 12, p. 61, pl. 18.
1926. *Istiophorus gladius* (Broussonet): Phillipps, Trans. N.Z. Inst., 56, p. 546, pl. 92.

Makaira mazara (Jordan and Snyder). BLACK MARLIN or SWORDFISH; TAKETONGA.

1901. *Tetrapturus mazara* Jordan and Snyder, Journ. Coll. Sci. Imp. Univ. Tokyo, 15, pl. 2, p. 305.
1870. *Histiophorus* sp., Knox, Trans. N.Z. Inst., 2, p. 13, pl. 1.
1876. *Histiophorus herschelii*. Gray: Hutton, Trans. N.Z. Inst., 8, p. 216.

Makaira zelandica Jordan and Evermann. ARCHEY'S MARLIN.

1926. *Makaira zelandica* Jordan and Evermann, Occ. Papers Calif. Acad. Sci., 12, p. 65, pl. 19, fig. 2.

Suborder TRICHIUROIDEA.

Family TRICHIURIDAE.

Lepidopus caudatus (Euphrasen). FROST-FISH; PĀRA.

1788. *Trichinurus caudatus* Euphrasen, Stockh. K. Vet. Akad. Nya. Handl., ix, p. 52, pl. ix, fig. 2.
1872. *Lepidopus caudatus* Euphrasen: Hutton, Cat. Fish. N.Z., pp. 13 and 109.
1876. *Lepidopus caudatus*: Robson, Trans. N.Z. Inst., 8, p. 218.
1892. *Lepidopus caudatus*: G. M. Thomson, Trans. N.Z. Inst., 24, p. 207.
1921. *Lepidopus caudatus*: McCulloch, Check-list Fish. N.S.W., p. 107, pl. xxxiv, fig. 299 a.
1921. *Lepidopus caudatus* (Euphrasen): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 118, No. 36.
1921. *Lepidopus caudatus* Euphrasen: G. M. Thomson, Hist. Portobello Fish-hatch., p. 79.
1922. *Lepidopus caudatus*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 94, No. 36.

Lepidopus (Benthodesmus) elongatus (Clarke).

1879. *Lepidopus elongatus* Clarke, Trans. N.Z. Inst., 11, p. 294, pl. xiv.
1887. *Lepidopus elongatus*: Guenther, Voy. Chall. Rept., Zool., 22, p. 38.
1915. *Lepidopus (Benthodesmus) elongatus*, Clarke: McCulloch, Endeav. Res., 3, p. 153.

Family GEMPYLLIDAE.

Thyrsites atun (Euphrasen). BARRACOUTA; MANGA.

1791. *Scomber atun* Euphrasen, Stockh. Vet. Akad. Nya. Handl., xii, p. 315.
1872. *Thyrsites atun*. Euphrasen: Hutton and Hector, Cat. Fish. N.Z., pp. 13 and 109.

1892. *Thyrsites atun* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 208.
 1911. *Thyrsites atun*, Euph. : McCulloch, Rec. Aust. Mus., 13, p. 139,
 pl. xxiv, fig. 2.
 1921. *Thyrsites atun* (Euphrasen) : Phillipps, N.Z. Journ. Sci. & Tech., 4,
 p. 118, No. 34.
 1921. *Thyrsites atun* Euphrasen : G. M. Thomson, Hist. Portobello Fish-
 hatch., p. 79.
 1922. *Thyrsites atun* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech.,
 5, p. 94, No. 34.
 1926. *Thyrsites atun* (Euphrasen) : Phillipps, Trans. N.Z. Inst., 56, p. 528.

Jordanidia solandri (Cuv. & Val.). HAKE or SOUTHERN KINGFISH ;
 TIKATI.

1831. *Gempylus solandri* Cuv. & Val., Hist. Nat. Poiss., viii, p. 215.
 1911. *Rexea furcifera* Waite, Rec. Cant. Mus., 1, No. 3, p. 226, pl. lii.
 1915. *Jordanidia solandri*, Cuv. & Val. : McCulloch, Endeav. Res., 3,
 pt. 3, p. 150.
 1918. *Rexea furcifera* Waite : Phillipps, N.Z. Journ. Sci. & Tech., 1,
 p. 269.
 1921. *Rexea furcifera* : G. M. Thomson, Hist. Portobello Fish-hatch., p. 78.
 1921. *Jordanidia solandri* (Cuv. & Val.) : Phillipps, N.Z. Journ. Sci. &
 Tech., 5, p. 118, No. 35.
 1922. *Jordanidia solandri* : Phillipps and Hodgkinson, N.Z. Journ. Sci. &
 Tech., 5, p. 94, No. 35.
 1926. *Jordanidia solandri* (Cuv. & Val.) : Phillipps, Trans. N.Z. Inst., 56,
 p. 527.

Epinephelus demaelii Guenther. BLACK ROCK-COD.

1916. *Epinephelus demaeli* Guenther : Waite, Trans. Roy. Soc. South Aust.,
 40, p. 453.

Gempylus serpens Cuv. & Val. SCABBARD-FISH.

1831. *Gempylus serpens* Cuv. & Val., Hist. Nat. Poiss., viii, p. 207.
 1895. *Gempylus serpens*, Cuv. & Val. : Goode and Bean, Ocean. Ichth.,
 p. 202, with fig.
 1900. *Gempylus serpens*, Cuv. & Val. : Waite, Rec. Aust. Mus., 3, p. 199.
 1913. *Gempylus serpens*, Cuv. & Val. : Waite, Rec. Cant. Mus., 2, p. 20.

Family TRICHONOTIDAE.

Hemerocoetes acanthorhynchus (Forster).

1801. *Callionymus acanthorhynchus* Forster, in Bloch & Schn., Syst. Ichth.,
 p. 41.
 1848. *Hemerocoetes acanthorhynchus* Forster : Richardson, Voy. Ereb. &
 Terr., p. 123, pl. liv, figs. 7-12.
 1911. *Hemerocoetes microps* Waite, Rec. Cant. Mus., 1, No. 3, p. 247.

Hemerocoetes waitei Regan.

1914. *Hemerocoetes waitei* Regan, Voy. Terra Nova, Zool., 1, No. 1, p. 18.
 1911. *Hemerocoetes acanthorhynchus* Forster : Waite, Rec. Cant. Mus., 1,
 No. 3, p. 245 (not of Forster).

Hemerocoetes pauciradiatus Regan.

1914. *Hemerocoetes pauciradiatus* Regan, A.M.N.H., ser. 8, 13, p. 15.

Hemerocoetes macrophthalmus Regan.

1914. *Hemerocoetes macrophthalmus* Regan, A.M.N.H., ser. 8, 13, p. 15.

Limnichthys fasciatus Waite.

1904. *Limnichthys fasciatus* Waite, Rec. Aust. Mus., 5, p. 178, pl. xxiii, fig. 4.
 1916. *Limnichthys fasciatus* Waite : Waite, Trans. Roy. Soc. S. Aust., 40, p. 454.

Suborder G O B I O I D E A.

Family GOBIIDAE.

Gobiomorphus gobioides (Cuv. & Val.). BULLEY ; TOITOI or KOKOPU.

1837. *Eleotris gobioides* Cuv. & Val., Hist. Nat. Poiss., xii, p. 247.
 1865. *Eleotris gobioides*. Cuv. & Val. : Richardson, Voy. Ereb. & Terr., p. 4, pl. 11, figs. 5 and 6.
 1873. *Eleotris gobioides* Cuv. & Val. : Hutton, Trans. N.Z. Inst., 5, p. 263, pl. xv.
 1926. *Gobiomorphus gobioides* Cuv. & Val. : Phillipps, N.Z. Journ. Sci. & Tech., 8, p. 294, with fig.

Gobius lentiginosus Richardson.

1844. *Gobius lentiginosus* Richardson, Voy. Ereb. & Terr., p. 3, pl. i, figs. 5 and 6.
 1872. *Gobius lentiginosus* Richardson : Hutton, Cat. N.Z. Fish., p. 29.
 1880. *Gobius lentiginosus* : Guenther, Study of Fishes, p. 486, fig. 220.

Family GOBIIDAE.

Eleotris radiata Quoy and Gaimard. KURAHINA.

1837. *Eleotris radiata* Quoy and Gaimard, in Cuv. & Val., Hist. Nat. Poiss., xii, p. 250.
 1873. *Eleotris radiata*. Quoy : Hutton, Trans. N.Z. Inst., 5, p. 263, pl. 1, fig. 45 a.

Eleotris huttoni Ogilby.

1894. *Eleotris huttoni* Ogilby, Proc. Linn. Soc. N.S.W. (12), ix, p. 369.

Suborder B L E N N I O I D E A.

Family ACANTHOCLINIDAE.

Acanthoclinus quadridactylus (Bloch & Schn.). TAUMAKA.

1801. *Blennius quadridactylus* Forster, in Bloch & Schn., Syst. Ichth., p. 177.
 1872. *Acanthoclinus littoreus*. Forster : Hutton, Cat. Fish. N.Z., p. 34.
 1879. *Acanthoclinus taumaka* Clarke, Trans. N.Z. Inst., 11, p. 293, pl. 15.
 1889. *Acanthoclinus fasciolatus* Ogilby, Aust. Mus. Mem., 2, p. 63, pl. 111, fig. 3.
 1923. *Acanthoclinus littoreus* : Oliver, Trans. N.Z. Inst., 54, p. 510, pl. 42, fig. 6.

Family BLENNIIDAE.

Ericentrus rubrus (Hutton).

1872. *Sticharium rubrum* Hutton, Cat. Fish. N.Z., p. 33.
 1873. *Clinus rubrus* Hutton, Trans. N.Z. Inst., 5, p. 264, pl. ix.
 1913. *Ericentrus rubrus* Hutton : Waite, Rec. Cant. Mus., 2, No. 1, p. 13,
 pl. v.

Cologrammus flavescens (Hutton).

1872. *Sticharium flavescens* Hutton, Cat. Fish. N.Z., p. 33.
 1873. *Clinus flavescens* Hutton, Trans. N.Z. Inst., 5, p. 264, pl. xv.
 1913. *Cologrammus flavescens* Hutton : Waite, Rec. Cant. Mus., 2, pt. 1,
 p. 15.

Cristiceps australis Cuv. & Val. WEED-FISH.

1836. *Cristiceps australis* Cuv. & Val., Hist. Nat. Poiss., 11, p. 402,
 pl. cccxxxvi.
 1873. *Cristiceps australis*, Cuv. & Val. : Hutton, Trans. N.Z. Inst., 5, p. 263.
 1908. *Cristiceps australis* Cuv. & Val. : McCulloch, Rec. Aust. Mus., 7, p. 39,
 pl. x, fig. 3.
 1913. *Cristiceps australis* Cuv. & Val. : Waite, Rec. Cant. Mus., 2, No. 1,
 p. 11.

Cristiceps aurantiacus Castelnau. CRESTED WEED-FISH.

1879. *Cristiceps aurantiacus* Castelnau, Proc. Linn. Soc. N.S.W., 3, p. 386.
 1906. *Cristiceps aurantiacus* : Stead, Fishes Austr., frontispiece.
 1926. *Cristiceps aurantiacus* Castelnau : Griffin, Trans. N.Z. Inst., p. 543,
 pl. 98.

Tripterygion tripenne (Forster).

1801. *Blennius tripenne* Forster, in Bloch & Schn., Syst. Ichth., p. 174.
 1872. *Tripterygion forsteri*. Cuv. & Val. : Hutton, Cat. Fish. N.Z., p. 31
 (not of Cuv. & Val.).
 1879. *Tripterygion decemdigitatus* Clarke, Trans. N.Z. Inst., 11, p. 292,
 pl. xv.
 1913. *Tripterygion tripenne* Forster : Waite, Rec. Cant. Mus., 2, No. 1, p. 3,
 pl. 1.

Tripterygion varium (Forster). COCKABULLY.

1801. *Blennius varius* Forster, in Bloch & Schn., Syst. Ichth., p. 178.
 1836. *Tripterygion nigripinne* Cuv. & Val., Hist. Nat. Poiss., xi, p. 413,
 pl. cccxxxix.
 1879. *Tripterygion robustum* Clarke, Trans. N.Z. Inst., 11, p. 292, pl. xv.
 1913. *Tripterygion varium* Forster : Waite, Rec. Cant. Mus., 2, No. 1, p. 7,
 pl. 3.
 1923. *Tripterygion varium* B. & Schn. : McCulloch and Phillipps, Rec.
 Aust. Mus., 14, No. 1, p. 21.

Tripterygion segmentatum McCulloch and Phillipps.

1923. *Tripterygion segmentatum* McCulloch and Phillipps, Rec. Aust. Mus.,
 14, No. 1, p. 20, pl. iv, fig. 3.

Tripterygion bucknilli Griffin.

1926. *Tripterygion bucknilli* Griffin, Trans. N.Z. Inst., 56, p. 544, pl. 97.

Helcogramma medium (Guenther).

1861. *Tripterygium medium* Guenther, Cat. Fish. B.M., 3, p. 278.
 1879. *Tripterygium dorsalis* Clarke, Trans. N.Z. Inst., 11, p. 291, pl. xv.
 1913. *Tripterygion medium* Guenther: Waite, Rec. Cant. Mus., 2, No. 1, p. 5, pl. 11.
 1920. *Tripterygion medium* Guenther: G. M. Thomson, Hist. Portobello Fish-hatch., p. 95.
 1923. *Helcogramma medium* Guenther: McCulloch and Phillipps, Rec. Aust. Mus., 14, No. 1, p. 22.

Notoclinus fenestratus (Forster).

1801. *Blennius fenestratus*, Forster, in Bloch & Schn., Syst. Ichth., p. 173.
 1872. *Tripterygium compressum* Hutton, Cat. Fish. N.Z., p. 32.
 1885. *Tripterygium compressum* Hutton: Arthur, Trans. N.Z. Inst., 17, p. 168, pl. xiv, fig. 6.
 1913. *Notoclinus fenestratus* Forster: Waite, Rec. Cant. Mus., 2, No. 1, p. 9, pl. iv.
 1921. *Notoclinus fenestratus* Forster: G. M. Thomson, Hist. Portobello Fish-hatch., p. 95.
 1925. *Notoclinus fenestratus* (Forster): Young, N.Z. Journ. Sci. & Tech., 7, p. 318.

Auchenopterus aysoni Hector.

1902. *Auchenopterus aysoni* Hector, Trans. N.Z. Inst., 34, p. 240, pl. xv.
 1913. *Auchenopterus aysoni* Hector: Waite, Rec. Cant. Mus., 2, No. 1, p. 12.

Blennius laticlavus Griffin.

1926. *Blennius laticlavus* Griffin, Trans. N.Z. Inst., 56, p. 542, pl. 96, fig. 1.

SUBORDER OPHIDIIDEA.

Family BROTLIDAE.

Pyramodon punctatus (Regan).

1914. *Cynophidium punctatum* Regan, A.M.N.H., ser. 8, 13, p. 16.
 1914. *Pyramodon punctatus*, Regan: Regan, Voy. Terra Nova, Zool., 1, pt. 1, p. 20, pl. xii, fig. 3.

Family OPHIDIIDAE.

Hypolycodes haastii Hector.

1881. *Hypolycodes haastii* Hector, Trans. N.Z. Inst., 13, p. 194, pl. 111, fig. 1.

Dinematichthys consobrinus Hutton.

1876. *Dinematichthys consobrinus* Hutton, Trans. N.Z. Inst., 8, p. 217.
 1877. *Dinematichthys consobrinus*, Hutton: Hutton, Trans. N.Z. Inst., 9, p. 466, pl. ix, fig. 77 a.

Genypterus blacodes (Bloch & Schn.). LING ; HOKARARI.

1801. *Ophidium blacodes* Bloch & Schn., Syst. Ichth., p. 484.
 1872. *Genypterus blacodes*. Bloch & Schn. : Hutton and Hector, Cat. N.Z. Fish., pp. 48 and 116, pl. viii, fig. 77.
 1879. *Genypterus australis* (Cast.) : McCoy, Prodr. Zool. Viet., dec. iii, pl. xxvii, fig. 1.
 1892. *Genypterus blacodes* : G. M. Thomson, Trans. N.Z. Inst., 24, p. 212.
 1911. *Genypterus blacodes* Bloch & Schn. : Waite, Rec. Cant. Mus., 1, No. 3, p. 248.
 1918. *Genypterus blacodes* (Bloch & Schn.) : Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 269.
 1921. *Genypterus blacodes* Bloch & Schn. : G. M. Thomson, Hist. Portobello Marine Fish-hatch., p. 95.
 1921. *Genypterus blacodes* (Bloch & Schn.) : Phillipps, N.Z. Journ. Sci. & Tech., 4, pp. 123 and 125.
 1922. *Genypterus blacodes* : Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 96, No. 81.
 1926. *Genypterus blacodes* (Bloch & Schn.) : Phillipps, Trans. N.Z. Inst., 56, p. 528.

Genypterus microstomus Regan.

1903. *Genypterus microstomus* Regan, A.M.N.H. (7), xi, p. 599.
 1921. *Genypterus microstomus* : McCulloch, Check-list Fish. N.S.W., pl. xxxvii, fig. 329 b (no page).

Family ZOARCIDAE.

Melanostigma flaccidum Waite.

1914. *Melanostigma flaccidum* Waite, Trans. N.Z. Inst., 46, p. 129, pl. vi.

Family LOPHOTIDAE.

Lophotes cepedianus Giorna. UNICORN-FISH.

1809. *Lophotes cepedianus* Giorna. Mem. Accad. Torino, xvi, p. 19, pl. 11, fig. 1.
 1896. *Lophotes* sp. : Clarke, Trans. N.Z. Inst., 29, p. 251, pl. xvi.
 1895. *Lophotes cepedianus* Giorna : Goode and Bean, Ocean, Ichth., p. 349, pl. cxv, fig. 389.
 1914. *Lophotes cepedianus* Giorna : Waite, Trans. N.Z. Inst., 46, p. 130, pl. v, fig. 2.

ORDER DISCOCEPHALI.

Family ECHENEIDIDAE.

Remorina brachyptera (Lowe). SHORT SUCKING-FISH.

1839. *Echeneis brachyptera* Lowe, Proc. Zool. Soc. Lond., p. 89.
 1876. *Echeneis brachyptera*. Lowe : Hutton, Trans. N.Z. Inst., 8, p. 217.
 1913. *Remorina brachyptera* (Lowe) : Jordan, Tanaka, and Snyder, Cat. Fish Japan, p. 311.

Echeneis lineata Menzies.

1791. *Echeneis lineata* Menzies, Trans. Linn. Soc., 1, p. 187, tab. 17, fig. 1.
 1860. *Echeneis lineata*: Guenther, Hist. of *Echeneis*, A.M.N.H., ser. 3, 5, No. 29, p. 398.
 1926. *Echeneis lineata* Menzies: Griffin, Trans. N.Z. Inst., 56, p. 546, pl. 96, fig. 2.

ORDER **SCLEROPAREI**.Family **SCORPAENIDAE**.**Helicolenus percoides** (Richardson). SEA-PERCH; POHUIAKAROA.

1845. *Sebastes percoides* Richardson, A.M.N.H., ix, p. 384.
 1875. *Scorpaena barathri* Hector, Trans. N.Z. Inst., 7, p. 245, pl. x.
 1893. *Sebastapistes percoides*: Gill, Mem. Nat. Acad. Sci., 6, p. 117.
 1911. *Scorpaena percoides* Richardson: Waite, Rec. Cant. Mus., 1, No. 3, p. 249.
 1921. *Helicolenus percoides* Richardson: Waite, Rec. South Aust. Mus., 1, No. 2, p. 162, fig. 266.
 1921. *Helicolenus percoides* (Richardson): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 121, No. 60.

Scorpaena cruenta Richardson. RED ROCK-COD; MATUAWHAPUKU.

1842. *Scorpaena cruenta* Rich., A.M.N.H., ix, p. 217.
 1872. *Scorpaena cruenta*. Sol.: Hutton, Cat. Fish. N.Z., p. 10.
 1873. *Scorpaena cruenta*, Sol.: Hutton, Trans. N.Z. Inst., 5, p. 261, pl. viii, fig. 15.
 1921. *Scorpaena cruenta* Richardson: Waite, Rec. South Aust. Mus., 2, No. 1, p. 161, fig. 265.
 1921. *Scorpaena cardinalis* Richardson: Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 121, No. 61.

Scorpaena bynoensis Richardson.

1845. *Scorpaena bynoensis* Rich., Voy. Ereb. & Terr., p. 22, pl. xiv, figs. 3-5.
 1884. *Scorpaena bynoensis* Rich.: Hector, Trans. N.Z. Inst., 16, p. 323.
 1893. *Scorpaena bysoensis*: Gill, Mem. Nat. Acad. Sci., 6, p. 117.

Family **CONGIOPIDAE**.**Congiopodus leucopaecilus** (Richardson). PIGFISH; PURAMORUA.

1846. *Agriopus leucopaecilus* Rich., Voy. Ereb. & Terr., Zool., p. 60, pl. xxxvii, figs. 4 and 5.
 1876. *Agriopus leucopoecilus*, Richardson: Hutton, Trans. N.Z. Inst., 8, p. 211.
 1892. *Agriopus leucopoecilus*: G. M. Thomson, Trans. N.Z. Inst., 24, p. 207.
 1921. *Congiopodus leucopoecilus* Rich.: G. M. Thomson, Hist. Portobello Fish-hatch., p. 89, with figs.
 1921. *Congiopodus leucopaecilus* Rich.: Waite, Rec. South Aust. Mus., 2, No. 1, p. 171, fig. 279.
 1921. *Congiopodus leucopaecilus* (Richardson): Phillipps, N.Z. Journ. Sci. & Tech., 4, p. 121.

Congiopodus peruvianus (Cuv. & Val.).

1892. *Agriopus peruvianus* Cuv. & Val.: Hist. Poiss., iv., p. 389.
 1834. *Agriopus peruvianus* Cuv. & Val.: Cuvier, Animal Kingdom, 10,
 p. 146, pl. viii.
 1896. *Agriopus peruvianus*, Cuv. & Val.: Hutton, Trans. N.Z. Inst., 28,
 p. 314.

Family COTTIDAE.

Neophrynychthys latus Hutton. TOADFISH.

1876. *Psychrolutes latus* Hutton, Trans. N.Z. Inst., 8, p. 214.
 1885. *Neophrynychthys latus*, Guenther: Arthur, Trans. N.Z. Inst., 17,
 p. 166, pl. xiv, figs. 5 and 5a.
 1888. *Neophrynychthys latus*: Gill, Proc. U.S. Nat. Mus., 11, pl. xii.

Family TRIGLIDAE.

Chelidonichthys kumu (Lesson and Garnot). RED GURNARD:
KUMUKUMU.

1826. *Trigla kumu* Lesson and Garnot, Voy. Coquille, p. 214, pl. xix.
 1872. *Trigla kumu* Lesson and Garnot: Hutton and Hector, Cat. Fish.
 N.Z., pp. 28 and 113, pl. vi, fig. 42.
 1878. *Trigla kumu* (Lesson & Garn.): McCoy, Prod. Zool. Vict., dec. i,
 pl. vi.
 1916. *Chelidonichthys kumu* Lesson & Garn.: Roughley, Fish. Aust.,
 p. 184, pl. lxiv.
 1921. *Chelidonichthys kumu* (Lesson and Garnot): Phillipps, N.Z. Journ.
 Sci. & Tech., 4, p. 122, No. 74.
 1921. *Chelidonichthys kumu* Lesson & Garn.: G. M. Thomson, Hist. Porto-
 bello Fish-hatch., p. 90, with figs.
 1926. *Chelidonichthys kumu* (Lesson and Garnot): Phillipps, Trans. N.Z.
 Inst., 56, p. 527.

Lepidotrigla vanessa (Richardson).

1839. *Trigla vanessa* Richardson, Proc. Zool. Soc. Lond., p. 97.
 1878. *Lepidotrigla vanessa* (Rich.): McCoy, Prod. Zool. Vict., dec. 1, pl. v.
 1921. *Lepidotrigla vanessa* Rich.: Waite, Rec. South Aust. Mus., 2, No. 1,
 p. 176, fig. 291.

Lepidotrigla brachyoptera Hutton. GURNARD.

1872. *Lepidotrigla brachyoptera* Hutton, Cat. Fish. N.Z., p. 27.
 1872. *Lepidotrigla brachyoptera* Hutton: Hutton, Trans. N.Z. Inst., 5,
 pl. xv, fig. 41.
 1911. *Lepidotrigla brachyoptera* Hutton: Waite, Rec. Cant. Mus., 1, No. 3,
 p. 225.
 1921. *Lepidotrigla brachyoptera* (Hutton): Phillipps, N.Z. Journ. Sci. &
 Tech., 4, p. 123.
 1921. *Lepidotrigla brachyoptera* Hutton: G. M. Thomson, Hist. Portobello
 Fish-hatch., p. 92, with figs.
 1922. *Lepidotrigla brachyoptera*: Phillipps and Hodgkinson, N.Z. Journ.
 Sci. & Tech., 5, p. 96, No. 75.

Pterygotrigla picta (Guenther). SPOTTED GURNARD.

1880. *Trigla picta* Guenther, Voy. Chall. Rept., Zool., 1, p. 24, pl. xiii, fig. A.
 1911. *Pterygotrigla picta* Guenther: Waite, Rec. Cant. Mus., 1, No. 3, p. 252, pl. lv.
 1921. *Pterygotrigla picta* (Guenther): Phillipps, N.Z. Journ. Sci. & Tech., 1, p. 123.
 1922. *Pterygotrigla picta*: Phillipps and Hodgkinson, N.Z. Journ. Sci. & Tech., 5, p. 96, No. 76.

ORDER **XENOPTERI**.Family **GOBIESOCIDAE**.**Diplocrepis puniceus** (Richardson). SUCKER.

1846. *Lepadogaster puniceus* Rich., Voy. Ereb. & Terr., Zool., 1, p. 71, pl. xliii, figs. 1-7.
 1872. *Diplocrepis puniceus* Rich.: Hutton, Cat. Fish. N.Z., p. 40.
 1921. *Diplocrepis puniceus* Rich.: G. M. Thomson, Hist. Portobello Fish-hatch., p. 95.
 1923. *Diplocrepis puniceus*: Oliver, Trans. N.Z. Inst., 510, pl. 42, fig. 5.

Trachelochismus pinnulatus (Forster). LUMP-FISH.

1801. *Lepadogaster pinnulatus* Forster, in Bloch & Schn., Syst. Ichth., p. 2.
 1861. *Trachelochismus pinnulatus*: Guenther, Cat. Fish. B.M., 3, p. 509.
 1872. *Trachelochismus pinnulatus*: Hutton, Cat. Fish. N.Z., p. 40.

Trachelochismus littoreus (Forster). CLINGFISH.

1801. *Cyclopterus littoreus* Forster, in Bloch & Schn., Syst. Ichth., p. 199.
 1872. *Trachelochismus guttulatus* Hutton, Cat. Fish. N.Z., p. 41.
 1904. *Trachelochismus littoreus* Forster: Hutton, Index Faunae N.Z., p. 47.

Aspasmogaster hectorias (Guenther).

1876. *Crepidogaster hectoris* Guenther, A.M.N.H. (4), xvii, p. 396.
 1877. *Crepidogaster hectoris*: Guenther, Trans. N.Z. Inst., 9, p. 471.

Aspasmogaster simus (Hutton).

1896. *Crepidogaster simus* Hutton, Trans. N.Z. Inst., 28, p. 316.
 1914. *Crepidogaster simus*, Hutton: Regan, Voy. Terra Nova, 1, No. 1, p. 21 (listed).

ORDER **PEDICUATI**.Family **CERATIIDAE**.**Aegoeonichthys appellii** Clarke.

1878. *Aegoeonichthys appellii* Clarke, Trans. N.Z. Inst., 10, p. 245, pl. vi.
 1895. *Aegoeonichthys appellii* Clarke: Goode and Bean, Ocean. Ichth., p. 494.
 1912. *Aegoeonichthys appellii* Clarke: Waite, Trans. N.Z. Inst., 44, p. 194, pl. x.

Family ANTENNARIIDAE.

Saccarius lineatus Guenther.

1861. *Saccarius lineatus* Guenther, Cat. Fish. B.M., 3, p. 183.
 1872. *Saccarius lineatus* Guenther : Hutton, Cat. Fish. N.Z., p. 30.
 1912. *Saccarius lineatus* Guenther : Waite, Trans. N.Z. Inst., 44, p. 197.

Family ACERATIIDAE.

Haplophryne mollis Brauer.

1902. *Haplophryne mollis* Brauer, Valdivia Exped. Tiefsee Fische, pl. xvi, fig. 10.
 1916. *Haplophryne mollis* Brauer : Regan, Voy. Terra Nova, 1, No. 4, p. 148.

ORDER PLECTOGNATHI.

Family MONACANTHIDAE. TRIGGER-FISHES.

Cantherines convexirostris (Guenther).

1870. *Monacanthus convexirostris* Guenther, Cat. Fish. B.M., 8, p. 248.
 1911. *Pseudomonacanthus convexirostris* Guenther : Waite, Rec. Cant. Mus., 1; p. 257, pl. lvii.

Cantherines scaber (Forster). LEATHER-JACKET ; KOKIRI.

1801. *Balistes scaber* Forster, in Bloch & Schn., Syst. Ichth., p. 477.
 1911. *Pseudomonacanthus scaber* Forster : Waite, Rec. Cant. Mus., 1, No. 3, p. 256, pl. lvi.

Family OSTRACIIDAE.

Ostracion fornasini Bianconi. TRUNK-FISH.

1846. *Ostracion fornasini* Bianconi, Nouv. Ann. Sci. Nat., v, pp. 113-115.
 1870. *Ostracion fornasini* : Guenther, Cat. Fish. B.M., 8, p. 264.
 1872. *Ostracion fornasini* Bianc. : Hutton, Cat. Fish. N.Z., p. 71.

Family TETRAODONTIDAE.

Sphoeroides richei Fremenville. GLOBE-FISH.

1843. *Tetrodon richei* Fremenville, Nouv. Bull. Philom., iii, p. 250, pl. iv, fig. 2.
 1870. *Tetrodon richei* : Guenther, Cat. Fish. B.M., 8, p. 285.
 1872. *Tetrodon richei* : Freminv. : Hutton, Cat. Fish. N.Z., p. 72.

Sphoeroides gillbanksii (Clarke). GILLBANKS' GLOBE-FISH.

1897. *Tetrodon gillbanksii* Clarke, Trans. N.Z. Inst., 29, p. 245, pl. xiv.

Sphoeroides cheesemanii (Clarke).

1897. *Tetrodon cheesemanii* Clarke, Trans. N.Z. Inst., 29, p. 248, pl. xv.

Sphoeroides nitidus Griffin.

1897. *Tetrodon* sp. Clarke, Trans. N.Z. Inst., 29, p. 247.
 1921. *Sphoeroides nitidus* Griffin, Trans. N.Z. Inst., 53, p. 356, pl. lv, fig. 2.

Family DIODONTIDAE.

Allomycterus jaculiferus (Cuvier). PORCUPINE-FISH ; KOPUTOTARA.

1818. *Diodon jaculiferus* Cuvier, Mem. Mus. Hist. Nat., iv, p. 130, pl. vii.
 1872. *Chilomycterus jaculiferus* : Castelnau, Proc. Zool. Soc. Vict., 1, p. 211.
 1873. *Chilomycterus jaculiferus* : Hutton, Trans. N.Z. Inst., 5, p. 271.
 1921. *Allomycterus jaculiferus* Cuvier : McCulloch, Rec. Aust. Mus., 13, No. 4, p. 141, pl. xxxiii, fig. 2.

Family MOLIDAE.

Mola mola Linnaeus. SUNFISH ; RATAHUIHUI.

1758. *Tetrodon mola* Linnaeus, Syst. Nat., ed. 10, p. 334.
 1893. *Orthogoriscus mola* Linnaeus : Williams, Trans. N.Z. Inst., 25, p. 110, pl. viii.
 1913. *Mola mola* Linnaeus : Waite, Trans. N.Z. Inst., 45, pl. ix.
 1926. *Mola mola* : Phillipps, N.Z. Journ. Sci. & Tech., 8, pp. 169-72, with figs.
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APPENDIX.

THE following species are referred to in Trans. N.Z. Inst., vol. 58, 1927 :—

Family CARCHARHINIDAE.

Galeocерdo articus (Mull. & Henle), Tiger-shark, p. 137, pl. 9.

Family MURAENIDAE.

Gymnothorax meleagris (Shaw), p. 138, pl. 10.

Family PEMPHERIDAE.

Pempheris adspersus Griffin, p. 139, pl. 11.

Family THUNNIDAE.

Germo germo Lacépède, Long-finned Albacore, p. 140, pl. 12.

Family ISTIOPHORIDAE. (SWORDFISHES.)

Makaira mazara (Jordan and Snyder), p. 141, pl. 13.

Makaira mitsukurii (Jordan and Snyder), p. 143, pl. 14.

Family MACROURIDAE.

Coelorhynchus oliverianus Phillipps, p. 125, pl. 3, fig. 1.

Family SERRANIDAE.

Polyprion mœone Phillipps, Bass, p. 126.

Family SCORPAENIDAE.

Sebastodes maccullochi Phillipps, p. 127, pl. 3, fig. 2.

Family CARANGIDAE.

Seriola grandis Castelnau, Kingfish or Yellowtail, p. 128, pl. 4.

Family SPARIDAE.

Sparus hamiltoni Phillipps, p. 130, pl. 5, fig. 1.

Family GOBIESOCIDAE.

Trachelocheilus melobesia Phillipps, p. 130, pl. 5, fig. 2.

Family LEPTOSCOPIIDAE.

Crapatalus novae-zelandiae Guenther, p. 132, pl. 6, fig. 1.

Leptoscopus macropygus (Richardson), Stargazer, p. 132, pl. 6, fig. 2.

Family GEMPYLLIDAE.

Ruvettus whakari Griffin, p. 146, pl. 15.

Family GOBIIDAE.

Gobius lateralis Macleay var. *obliquus* Griffin, p. 148, pl. 16.

Family BLENNIDAE.

Ophioclinus venusta Griffin, p. 149, pl. 17.

Family PARAPERCIDAE.

Paraperris colias (Forster), Blue Cod, p. 133, pl. 7.

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* Maori names have been supplied where possible. Many are taken from Williams's most recent Maori Dictionary, but where new names have been given, these have been verified on two or more occasions before acceptance. Unfortunately, among both Europeans and Maoris the same fish may be called by different names in different localities. I have to thank Mr. Elsdon Best for his valuable assistance and criticism in this regard.

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